# Parkinson's Disease Products

## ANTIBODIES

Target	Clone	Host	Applications	Reactivity	Catalog #
Alpha Synuclein	3C11	Mouse	WB, DB, ICC/IF, ELISA	Hu, Ms, Rt	SMC-530
Alpha Synuclein	10H7	Mouse	WB, DB, ICC/IF, ELISA	Hu, Ms, Rt	SMC-531
Alpha Synuclein	3F8	Mouse	WB, DB, IHC, ICC/IF, ELISA	Hu, Ms, Rt	SMC-532
Alpha Synuclein	4F1	Mouse	WB, DB, IHC, ICC/IF, ELISA	Hu, Ms, Rt	SMC-533
Alpha Synuclein	PAb	Rabbit	WB, ELISA, IHC	Hu, Ms, Rt	SPC-800
Alpha Synuclein (pSer129)	PAb	Rabbit	WB, ELISA, ICC/IF, IHC	Hu, Ms, Rt	SPC-742
Alpha Synuclein (pSer129)	J18	Rabbit	ELISA, WB, ICC, IHC	Hu, Ms	SMC-600
Alpha Synuclein (Aggregate-Specific) <b>New!</b>	2F11	Mouse	WB, ICC, IHC	Hu, Ms	SMC-617
DENND4C	3E8	Mouse	WB, ICC/IF, IP	Hu, Ms, Rt	SMC-610
LRRK2	N231B/34	Mouse	WB, ICC/IF, IHC	Hu, Rt	SMC-445
LRRK2	N138/6	Mouse	WB, ICC/IF	Hu, Ms, Rt	SMC-446
Nitrotyrosine	39B6	Mouse	WB, IHC, ICC/IF, IP, ELISA, FCM, AM	ALL	SMC-154
PINK1	N4/15	Mouse	WB, IHC, ICC/IF	Hu, Ms, Rt	SMC-450
PPM1H New!	10D2	Mouse	WB, ICC/IFF	Hu, Ms, Rt	SMC-616
RAB1A	7H4	Mouse	WB, IP	Hu, Ms	SMC-612
RAB1A	4G10	Mouse	WB, IP	Hu, Ms	SMC-613
RAB3D	5E9	Mouse	WB	Hu, Ms, Rt	SMC-614
TRPM7	S74	Mouse	WB, IHC, ICC/IF, AM	Hu, Ms, Rt	SMC-316
VPS35	7E4	Mouse	WB, ICC/IF, IP	Hu, Ms, Rt	SMC-602
VPS35	5A9	Mouse	WB, ICC/IF, IP	Hu, Ms, Rt	SMC-603
VPS35	8A3	Mouse	WB, ICC/IF, IP, IHC	Hu, Ms, Rt	SMC-604
VPS35	10A8	Mouse	WB, ICC/IF, IP, IHC	Hu, Ms, Rt	SMC-605
VPS35	11H10	Mouse	WB, IP, IHC	Hu, Ms, Rt	SMC-606

## **SMALL MOLECULES**

Product	Description	Molecular Formula	CAS #	Catalog #
Anle138b	Synuclein aggregation inhibitor	$C_{16}H_{11}BrN_2O_2$	882697-00-9	SIH-607
Baicalein	Lipoxygenase Inhibitor	C <sub>15</sub> H <sub>10</sub> O <sub>5</sub>	491-67-8	SIH-579
Entacapone	COMT Inhibitor	C <sub>14</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>	130929-57-6	SIH-578
Fasudil	ROCK Inhibitor	C <sub>14</sub> H <sub>17</sub> N <sub>3</sub> O <sub>2</sub> .HCl	103745-39-7	SIH-371
FPS-ZM1	RAGE Antagonist	C <sub>20</sub> H <sub>22</sub> CINO	945714-67-0	SIH-561
FTY720 Hydrochloride	S1P receptor ligand	C <sub>19</sub> H <sub>34</sub> CINO <sub>2</sub>	162359-56-0	SIH-523
Pinacidil Monohydrate	K+ channel activator	C <sub>13</sub> H <sub>19</sub> N <sub>5</sub> H <sub>2</sub> O	85371-64-8	SIH-563
Rasagiline mesylate	MAO Inhibitor	$C_{12}H_{13}N.CH_3SO_3H$	161735-79-1	SIH-577
Tolcapone	COMT Inhibitor	C <sub>14</sub> H <sub>11</sub> NO <sub>5</sub>	134308-13-7	SIH-540

KITS					
Product	Species Reactivity	Sample Types	Catalog #		
Nitrotyrosine ELISA Kit	All (non-species specific)	Plasma, Serum, Cell Lysates, Urine	SKT-126		
VPS35 Kit	Human, Mouse, Rat	Cell lysates, Tissue	SKT-141		



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## PROTEINS

### **Alpha Synuclein Monomers**

Description	Species	Expression System	Catalog #
Alpha Synuclein Monomers (Type 1)	Human	E. coli	SPR-321
Alpha Synuclein A53T Mutant Monomers (Type 1)	Human	E. coli	SPR-325
Alpha Synuclein A90C Mutant Monomers New!	Human	E. coli	SPR-478
Alpha Synuclein E114C Mutant Monomers: ATTO 488 New!	Human	E. coli	SPR-517-A488
Alpha Synuclein S129A Mutant Monomers New!	Human	E. coli	SPR-505
Alpha Synuclein S87N Mutant Monomers New!	Human	E. coli	SPR-499
Alpha Synuclein TNG (A53T, S87N, N103G) Mutant Monomers New!	Human	E. coli	SPR-503
Alpha Synuclein N-Terminal Acetylated Monomers (Type 1)	Human	E. coli	SPR-331
Alpha Synuclein Monomers: Biotinylated (C-Terminus) New!	Human	E. coli	SPR-507
Alpha Synuclein pSer129 Monomers New!	Human	E. coli	SPR-520
Alpha Synuclein Monomers (Type 2)	Human	E. coli	SPR-316
Alpha Synuclein Monomers (Type 1)	Mouse	E. coli	SPR-323
Alpha Synuclein Monomers	Rat	E. coli	SPR-481
Alpha Synucle	in Pre-formed Fit	orils	
Description	Species	Expression System	Catalog #
Alpha Synuclein Pre-formed Fibrils (Type 1)	Human	E. coli	SPR-322

Alpha Synuclein Pre-formed Fibrils (Type 1)	Human	E. coli	SPR-322
Alpha Synuclein Pre-formed Fibrils (ATTO) 594 conjugated (Type 1)	Human	E. coli	SPR-322-A594
Alpha Synuclein A53T Mutant Pre-formed Fibrils (Type 1)	Human	E. coli	SPR-326
Alpha Synuclein E114C Mutant Pre-formed Fibrils: ATTO 488 New!	Human	E. coli	SPR-518-A488
Alpha Synuclein S87N Mutant Pre-formed Fibrils New!	Human	E. coli	SPR-500
Alpha Synuclein S129A Mutant Pre-formed Fibrils New!	Human	E. coli	SPR-506
Alpha Synuclein TNG (A53T, S87N, N103G) Mutant Pre-formed Fibrils New!	Human	E. coli	SPR-504
Alpha Synuclein N-Terminal Acetylated Pre-formed Fibrils (Type 1)	Human	E. coli	SPR-332
Alpha Synuclein Pre-formed Fibrils: Biotinylated (C-Terminus) New!	Human	E. coli	SPR-508
Alpha Synuclein pSer129 Pre-formed Fibrils New!	Human	E. coli	SPR-521
Alpha Synuclein Pre-formed Fibrils (Type 2)	Human	E. coli	SPR-317
Alpha Synclein Filaments (Immature Fibrils)	Human	E. coli	SPR-450
Alpha Synuclein Pre-formed Fibrils (Type 1)	Mouse	E. coli	SPR-324
Alpha Synuclein Pre-formed Fibrils	Rat	E. coli	SPR-482

### Alpha Synuclein and Tau Co-Polymer Fibrils

Description	Species	Expression System	Catalog #
Tau-352 (fetal 0N3R) and Alpha Synuclein Co-Polymer Fibrils	Human	E. coli	SPR-494
Tau-441 (2N4R) and Alpha Synuclein Co-Polymer Fibrils	Human	E. coli	SPR-495

#### **Alpha Synuclein Oligomers**

Description	Species	Expression System	Catalog #
Alpha Synuclein Dopamine-Stabilized Oligomers	Human	E. coli	SPR-466
Alpha Synuclein EGCG-Stabilized Oligomers	Human	E. coli	SPR-469
Alpha Synuclein Kinetically Stable Oligomers	Human	E. coli	SPR-484

#### Beta & Gamma Synuclein

Description	Species	Expression System	Catalog #
Beta Synuclein Monomers	Human	E. coli	SPR-405
Beta Synuclein Pre-formed Fibrils (Type 1)	Human	E. coli	SPR-457
Gamma Synuclein Monomers	Human	E. coli	SPR-407
Gamma Synuclein Pre-formed Fibrils (Type 1)	Human	E. coli	SPR-459

Description	Species	Expression System	Catalog #
Transthyretin L55P Variant Monomers	Human	E. coli	SPR-451
Transthyretin Y78F Variant Monomers	Human	E. coli	SPR-452
Transthyretin L55P Variant Filaments	Human	E. coli	SPR-464
Transthyretin Y78F Variant Filaments	Human	E. coli	SPR-465

Transthyretin

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