

Amyotrophic Lateral Sclerosis (ALS)

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Amyotrophic Lateral Sclerosis (ALS) is a progressive neurological disease. It rapidly results in the death of motor neurons in both the brain and spinal cord. Without the ability to transmit signals to muscles via motor neurons, individuals are unable to perform any voluntary movement and the muscles begin to deteriorate.

Although the cause of ALS remains unknown, mutations in the gene encoding superoxide dismutase 1 (SOD1) have been found to be associated with familial cases of ALS.

ALS disease research requires a great diversity of life science products to investigate methods for diagnosis and treatment. StressMarq produces cutting edge research products to aid in the study of ALS disease and neurodegeneration, including antibodies, proteins, immunoassays, and small molecule inhibitors.

StressMarq is proud to offer a range of proteins and antibodies for ALS research, including SOD1 and TTR.

SOD1

Proteins

Description	Species	Expression System	Catalog #
Superoxide Dismutase Pre-formed Fibrils	Human	E. coli	SPR-470
Superoxide Dismutase Monomers	Human	E. coli	SPR-435
Mn SOD Protein	Rat	E. coli	SPR-130
Mn SOD Protein	Human	E. coli	SPR-131

Antibodies

Target	Host	Applications	Reactivity	Catalog #
SOD (Cu/Zn) Antibody	Rabbit	WB, IHC, ICC/IF, IP	Hu, Rt, Ms, Bv, Fu	SPC-115
SOD (Cu/Zn) Antibody	Rabbit	WB, IHC, IP	Hu, Rt, Ms, Bv, Mk, Inv, Co, Dg, Hm, Pg, Rb, Sh, Xe, MlSk, Fs	SPC-116
SOD (EC) Antibody	Rabbit	WB, ICC/IF	Hu, Ms, Rt	SPC-124
SOD1 (EDI) Antibody	Rabbit	WB, IHC, ELISA	Hu, Ms, Rt, Pg	SPC-206
SOD1 (UbetaB) Antibody	Rabbit	WB, ICC/IF, ELISA	Hu, Ms, Rt	SPC-205

Related ALS Products

Proteins

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

Antibodies

Target	Host	Applications	Reactivity	Catalog #
BDNF Antibody	Rabbit	WB, ICC/IF	Hu, Ms	SPC-703
GDNF Antibody	Rabbit	WB	Hu, Ms, Rt	SPC-810
TrpM7 Antibody	Mouse	IHC, ICC/IF	Hu, Ms, Rt	SMC-316

Distributed by:



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