

Recombinant Human SPTAN1 protein, His-SUMO-tagged

Cat. No. SPTAN1-3524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPTAN1 protein(Q13813)(1-580aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-580aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	83.8 kDa
AA Sequence	MDPSGVKVLETAEDIQERRQQVLDTRYHRFKELSTLRRQKLEDSYRFQFFQRDAEEL EKWIQEKLQIASDENYKDPTNLQGKLQKHQAFAEVQANSGAIVKLDDETGNLMISEG HFASETIRTRLMELHRQWELLLEKMREKGIKLLQAQKLVQYLRECEDVMDWINDKEA IVTSEELGQDLEHVEVLQKKFEEFQTDMAAHEERVNEVNQFAAKLIQEQHPPEELIKT KQDEVNAAWQRLKGLALQRQGKLFGAAEVQRFNRDVEDETISWIKEKEQLMASDDF GRDLASVQALLRKHEGLERDLAALEDKVKALCAEADRLQQSHPLSATQIQVKREELI TNWEQIRTLAAERHARLND SYRLQRFLADFRDLTSWVTEMKALINADELASDVAGAE ALLDRHQEHKGEIDAHEDSFKSADESGQALLAAGHYASDEVREKLTVLSEERAALLE LWELRRQQYEQCMDLQLFYRDTEQVDNWMSKQEAFLNEDLGDSLDSVEALLKKH

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	EDFEKSLSAQEEKITALDEFATKLIQNNHYAMEDVATRRDALLSRRNALHERAMRRR AQLADSFHLQQFFR
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.
GENE INFORMATION	
Gene Name	SPTAN1 spectrin, alpha, non-erythrocytic 1 (alpha-fodrin) [Homo sapiens]
Official Symbol	SPTAN1
Synonyms	SPTAN1; spectrin, alpha, non-erythrocytic 1 (alpha-fodrin); spectrin alpha chain, brain; alpha-II spectrin; fodrin alpha chain; spectrin, non-erythroid alpha chain; NEAS; EIEE5; SPTA2; FLJ17738; FLJ44613;
Gene ID	6709
mRNA Refseq	NM_001130438
Protein Refseq	NP_001123910
MIM	182810
UniProt ID	Q13813

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