Recombinant Human SPTA1 protein, His-tagged

Cat. No. SPTA1-4572H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPTA1 protein(P02549)(53-474aa), fused to N-terminal His tag, was expressed in Mammalian cell.
Species	Human
Source	Mammalian Cells
ProteinLength	53-474aa
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	52.9 kDa
AA Sequence	YHLQVFKRDADDLGKWIMEKVNILTDKSYEDPTNIQGKYQKHQSLEAEVQTKSRLM SELEKTREERFTMGHSAHEETKAHIEELRHLWDLLLELTLEKGDQLLRALKFQQYVQ ECADILEWIGDKEAIATSVELGEDWERTEVLHKKFEDFQVELVAKEGRVVEVNQYAN ECAEENHPDLPLIQSKQNEVNAAWERLRGLALQRQKALSNAANLQRFKRDVTEAIQ WIKEKEPVLTSEDYGKDLVASEGLFHSHKGLERNLAVMSDKVKELCAKAEKLTLSHP SDAPQIQEMKEDLVSSWEHIRALATSRYEKLQATYWYHRFSSDFDELSGWMNEKTA AINADELPTDVAGGEVLLDRHQQHKHEIDSYDDRFQSADETGQDLVNANHEASDEV REKMEILDNNWTALLELWDERHRQYEQ
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	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.

GENE INFORMATION

Gene Name	SPTA1 spectrin, alpha, erythrocytic 1 (elliptocytosis 2) [Homo sapiens]
Official Symbol	SPTA1
Synonyms	SPTA1; spectrin, alpha, erythrocytic 1 (elliptocytosis 2); spectrin alpha chain, erythrocyte; EL2; alpha-I spectrin; erythroid alpha-spectrin; HPP; HS3; SPH3; SPTA;
Gene ID	6708
mRNA Refseq	NM_003126
Protein Refseq	NP_003117
MIM	182860
UniProt ID	P02549

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