

Recombinant Human SPTA1 protein(53-474aa), His&Myc-tagged

Cat. No. SPTA1-532H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPTA1 protein(P02549)(53-474aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.
Species	Human
Source	E.coli
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	56.7 kDa
Purity	Greater than 85% 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	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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AA Sequence

YHLQVFKRDADDLGKWIMEKVNILTDKSYEDPTNIQGKYQKHQSLEAEVQTKSRLM
 SELEKTREERFTMGHSAHEETKAHIEELRHLWDLLELTLEKGDQLLRALKFQQYVQ
 ECADILEWIGDKEAIATSVELGEDWERTEVLHKKFEDFQVELVAKEGRVVEVNQYAN
 ECAEENHPDLPLIQSKQNEVNAAWERLRGLALQRQKALSNAANLQRFKRDVTEAIQ
 WIKEKEPVLTSEDYGKDLVASEGLFHSKGLERNLAVMSDKVKELCAKAEKLTLSHP
 SDAPQIQEMKEDLVSSWEHIRALATSRYEKLQATYWYHRFSSDFDELSGWMNEKTA
 AINADELPTDVAGGEVLLDRHQQHKHEIDSYDDRFQSADETGQDLVNANHEASDEV
 REKMEILDNNWTALLELWDERHRQYEQ

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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SDS-PAGE

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