

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                   |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SPTA1 protein(P02549)(53-474aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in E.coli.                                                                                                                                                                                 |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                             |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 53-474aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | 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.                                                                                |
| <b>Molecular Mass</b>   | 56.7 kDa                                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                    |
| <b>Reconstitution</b>   | 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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