

## Recombinant Human SIPA1 protein, GST-tagged

**Cat. No.** SIPA1-301389H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SIPA1 protein(950-1042 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 950-1042 aa                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Form</b>             | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH). |
| <b>AASequence</b>       | GQPIPEGDPKGPKEPKSDAEPEPGNLSEKVS HLESMLRKLQEDLQKEKADRAALEEE<br>VRSLRHNNRRLQAESESAATRLLLASKQLGSPTADLA                                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | 85%, by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                                                                                                                                                                        |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of                                                                                                                                                                                                                                                                                                     |

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0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

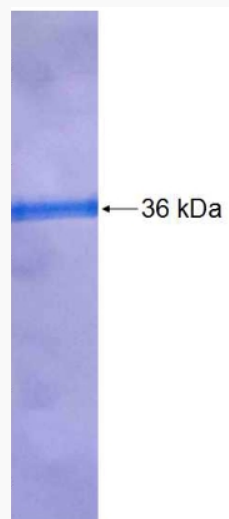
|                 |                                                                                                                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | SIPA1 signal-induced proliferation-associated 1 [ Homo sapiens ]                                                                                                                                                                     |
| Official Symbol | SIPA1                                                                                                                                                                                                                                |
| Synonyms        | SIPA1; signal-induced proliferation-associated 1; signal-induced proliferation-associated protein 1; SPA1; sipa-1; p130 SPA-1; GTPase-activating protein Spa-1; signal-induced proliferation-associated gene 1; MGC17037; MGC102688; |
| mRNA Refseq     | NM_006747                                                                                                                                                                                                                            |
| Protein Refseq  | NP_006738                                                                                                                                                                                                                            |
| MIM             | 602180                                                                                                                                                                                                                               |
| UniProt ID      | Q96FS4                                                                                                                                                                                                                               |
| Gene ID         | 6494                                                                                                                                                                                                                                 |

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## SDS-PAGE



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