# Recombinant Human SIPA1 protein, GST-tagged

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

## SPECIFICATION

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| **Product Overview** | Recombinant Human SIPA1 protein(950-1042 aa), fused with N-terminal GST tag, was expressed in E. coli. |
| **Species** | Human |
| **Source** | E. coli |
| **ProteinLength** | 950-1042 aa |
| **Form** | The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM $Na_2HPO_4$, 17 mM $NaH_2PO_4$, 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). |
| **AASequence** | GQPIPESGDPKGTPKSDAEPEPGNLSEKVSHLESMLRKLQEDLQKEKADRAALEEE VRSLRHNNRRLQAESESAATRLLLASKQLGSPTADLA |
| **Purity** | 85%, by SDS-PAGE. |
| **Storage** | 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. |
| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of |

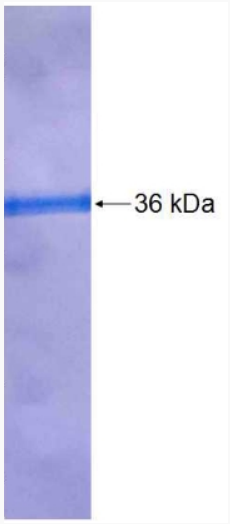
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| | 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

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| **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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