

## Recombinant Human SIVA1 protein, His-tagged

**Cat. No.** SIVA1-6743H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SIVA1 protein(1-114 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 1-114 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 7.4). 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 300 mM imidazole. |
| <b>AASequence</b>       | MPKRSCPFADVAPLQLKVRVSQRELSRGVCAERYSQEVFDPSPGVASIACSSCVRAV<br>DGKAVCGQCERA                                                                                                                                                                                                                                                                                                    |
| <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 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                                                                                                                                                               |

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## GENE INFORMATION

|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SIVA1 SIVA1, apoptosis-inducing factor [ Homo sapiens ]                                                                                                |
| <b>Official Symbol</b> | <a href="#">SIVA1</a>                                                                                                                                  |
| <b>Synonyms</b>        | SIVA1; SIVA1, apoptosis-inducing factor; apoptosis regulatory protein Siva; CD27BP; SIVA; Siva 1; Siva 2; CD27-binding (Siva) protein; Siva-1; Siva-2; |
| <b>mRNA Refseq</b>     | <a href="#">NM_006427</a>                                                                                                                              |
| <b>Protein Refseq</b>  | <a href="#">NP_006418</a>                                                                                                                              |
| <b>MIM</b>             | <a href="#">605567</a>                                                                                                                                 |
| <b>UniProt ID</b>      | <a href="#">O15304</a>                                                                                                                                 |
| <b>Gene ID</b>         | <a href="#">10572</a>                                                                                                                                  |

## SDS-PAGE



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