

# Recombinant Full Length Human SERBP1 Protein, C-Flag-tagged

**Cat. No.** SERBP1-526HFL    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Human SERBP1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Mammalian Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | Enables SUMO binding activity; mRNA 3'-UTR binding activity; and ribosome binding activity. Involved in PML body organization. Located in cytosol and nucleus.                                                                                                                                                                                                                                                                                                                           |
| <b>Form</b>             | 25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Molecular Mass</b>   | 44.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MPGHLQEGFGCVVTNRFDQLFDDESDPFEVLKAAENKKKEAGGGGVGGPGAKSA<br>AQAAAQTNNAAGKQL RKESQKDRKNPLPPSVGVVDKKEETQPPVALKKEGIRRV<br>GRRPDQQLQGEGKIIDRRPERRPPRERRFEK PLEEKGEGGEFSVDRPIIDRPIRGR<br>GGLGRGRGGRGRGMGRGDGDFDSRGKREFDRHSGSDRSSFSHYSGL KHEDKRG<br>GSGSHNWGTVKDELTESPKYIQKQISYNYSDDLQSNVTEETPEGEEHHPVADTENK<br>ENEVEEV KEEGPKEMTLDEWKAIQNKDRAKVEFNIRKPNEGADGQWKKGFVLHKS<br>KSEEHAEDSVMDHHFRKPAND<br>ITSQLEINFGDLGRPGRGGRGGRGGRGGRPNRGSRTDKSSASAPDVDDPEAFP<br>ALATRTRPLEQKLISEEDLAANDILDYKDDDDKV |

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|                      |                                                                                                                                               |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Purity</b>        | > 80% as determined by SDS-PAGE and Coomassie blue staining.                                                                                  |
| <b>Stability</b>     | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| <b>Storage</b>       | Store at -80 centigrade.                                                                                                                      |
| <b>Concentration</b> | >50 ug/mL as determined by microplate BCA method.                                                                                             |
| <b>Preparation</b>   | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.                              |
| <b>Full Length</b>   | Full L.                                                                                                                                       |

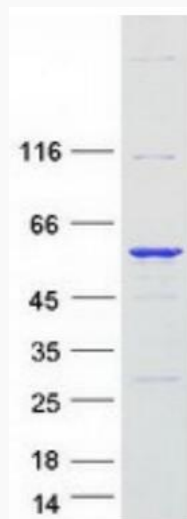
## GENE INFORMATION

|                        |                                                                 |
|------------------------|-----------------------------------------------------------------|
| <b>Gene Name</b>       | SERBP1 SERPINE1 mRNA binding protein 1 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | SERBP1                                                          |
| <b>Synonyms</b>        | CGI-55; CHD3IP; HABP4L; PAIRBP1; PAI-RBP1                       |
| <b>Gene ID</b>         | 26135                                                           |
| <b>mRNA Refseq</b>     | NM_001018067.2                                                  |
| <b>Protein Refseq</b>  | NP_001018077.1                                                  |
| <b>MIM</b>             | 607378                                                          |
| <b>UniProt ID</b>      | Q8NC51                                                          |

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Coomassie blue staining of purified SERBP1 protein.

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