

# Recombinant Human SERBP1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** SERBP1-1030H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | SERBP1 MS Standard C13 and N15-labeled recombinant protein (NP_001018078) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | May play a role in the regulation of mRNA stability. Binds to the 3'-most 134 nt of the SERPINE1/PAI1 mRNA, a region which confers cyclic nucleotide regulation of message decay.                                                                                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 44.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>AA Sequence</b>      | MPGHLQEGFGCVVTNRFDQLFDDESDPFEVLKAAENKKKEAGGGGVGGPGAKSA<br>AQAAAQTNSNAAGKQLRKESQKDRKNLPPSVGVVDKKEETQPPVALKKEGIRRVG<br>RRPDQQLQGEGKIIDRRPERRPPRERRFEKPLEEKGEFVSVDRIIDRPIRGRGG<br>LGRGRGGRGRGMGRGDGFSRGKREFDRHSGSDRSLKHEDKRGGSGSHNWG<br>TVKDELTESPKYIQKQISYNYSDDLQSNVTEETPEGEEHHPVADTENKENEVEEVKE<br>EGPKEMTLDEWKAIQNKDRAKVEFNIRKPNEGADGQWKKGFVLHKSKEEAHAED<br>SVMDHHFRKPANDITSQLEINFGDLGRPGRGGRGGRGGRGGRPNRGRSRTDKS<br>SASAPDVDDPEAFPALATRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                                                           |

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|                       |                                                                                            |
|-----------------------|--------------------------------------------------------------------------------------------|
| <b>Stability</b>      | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| <b>Storage</b>        | Store at -80 centigrade. Avoid repeated freeze-thaw cycles.                                |
| <b>Concentration</b>  | 50 µg/mL as determined by BCA                                                              |
| <b>Storage Buffer</b> | 100 mM glycine, 25 mM Tris-HCl, pH 7.3.                                                    |

## GENE INFORMATION

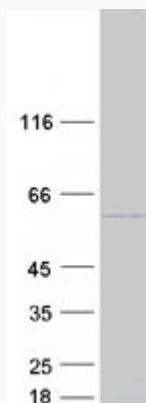
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|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | SERBP1 SERPINE1 mRNA binding protein 1 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                       |
| <b>Official Symbol</b> | SERBP1                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | SERBP1; SERPINE1 mRNA binding protein 1; plasminogen activator inhibitor 1 RNA-binding protein; CGI 55; CHD3IP; DKFZP564M2423; HABP4L; PAI RBP1; PAIRBP1; PAI-1 mRNA binding protein; PAI1 RNA-binding protein 1; SERPINE1 mRNA-binding protein 1; plasminogen activator inhibitor 1 RNA binding protein; chromodomain helicase DNA binding protein 3 interacting protein; CGI-55; PAI-RBP1; FLJ90489; DKFZp564M2423; |
| <b>Gene ID</b>         | 26135                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_001018068                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Protein Refseq</b>  | NP_001018078                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>MIM</b>             | 607378                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | Q8NC51                                                                                                                                                                                                                                                                                                                                                                                                                |

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## SDS-PAGE



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