

## Recombinant Mouse Sorbs1 Protein, Myc/DDK-tagged

**Cat. No.** Sorbs1-6044M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length sorbin and SH3 domain containing 1 (cDNA clone MGC:13971 IMAGE:3602997), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells.            |
| <b>Species</b>          | Mouse                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                       |
| <b>Description</b>      | Plays a role in tyrosine phosphorylation of CBL by linking CBL to the insulin receptor. Required for insulin-stimulated glucose transport. Involved in formation of actin stress fibers and focal adhesions. |
| <b>Molecular Mass</b>   | 77.3 kDa                                                                                                                                                                                                     |
| <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 after receiving vials.                                                                                                                                                               |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                             |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                        |

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## GENE INFORMATION

|                 |                                                                                                                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Name       | Sorbs1 sorbin and SH3 domain containing 1 [ Mus musculus (house mouse) ]                                                                                                                                             |
| Official Symbol | <a href="#">Sorbs1</a>                                                                                                                                                                                               |
| Synonyms        | Sorbs1; sorbin and SH3 domain containing 1; C; CAP; Sh3d; Sh3d5; SH3P12; mKIAA1296; 2310065E01Rik; 9530001P15Rik; sorbin and SH3 domain-containing protein 1; SH3 domain protein 5; c-Cbl-associated protein; ponsin |
| Gene ID         | <a href="#">20411</a>                                                                                                                                                                                                |
| mRNA Refseq     | <a href="#">NM_001034962</a>                                                                                                                                                                                         |
| Protein Refseq  | <a href="#">NP_001030134</a>                                                                                                                                                                                         |
| UniProt ID      | <a href="#">Q62417</a>                                                                                                                                                                                               |

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