

Recombinant Human SORBS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SORBS1-5787H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SORBS1 MS Standard C13 and N15-labeled recombinant protein (NP_001030127) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a CBL-associated protein which functions in the signaling and stimulation of insulin. Mutations in this gene may be associated with human disorders of insulin resistance. Alternative splicing results in multiple transcript variants.
Molecular Mass	127.1 kDa
AA Sequence	MSSECDGGSKAVMNGGLAPGSNGQDKATADPLRARSISAVKIIPVKTVKNASGLVLPT DMDPTKICTGKGAVTLRASSSYRETPSSSPASPQETRQHESKPGLEPEPSSADEWR LSSSADANGNAQPSSSLAAKGYRSVHPNLPSDKSQDATSSSAAQPEVIVVPLYLVNT DRGQEGTARPPTPLGPLGCVPTIPATASAASPLTFPTLDDFIPPHLQRWPHHSQPAR ASGSFAPISQTPPSFSPPPPLVPPAPEDLRRVSEPDLTGAVSSTDSSPLLNEVSSSLI GTDSQAFPSVSKPSSAYPSTTIVNPTIVLLQHNREQQKRLSSSLSDPVSERRVGEQDS APTQEKPTSPGKAIEKRAKDDSRVVKSTQDLSDVSMDEVGIPLRNTERSKDWYKT MFKQIHKLNRDTPEENPYFPTYKFPPELPEIQQTSEETKSCSVMSPRLECSGTVIAHC SLKLLDSSNPPTSASQVAGTADDDSDLYSPRYSFSEDTKSPLSVPRSKSEMSYIDGE KVVKRSATLPLPARSSSLKSSSERNDWEPPDKKVDTRKYRAEPKSIYEYQPGKSSV

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LTNEKMSRDISPEEIDLKNEPWYKFFSELEFGKPPPKKIWDYTPGDCSILPREDRKTN
 LDKDLSLCQTELEADLEKMETLNKAPSANVPQSSAISPTPEISSETPGYIYSSNFHAV
 KRES DGAPGDLTSLENERQIYKSVLEGGDIPLQGLSGLKRPSSSASTKDSESPRHF
 PADYLESTEEFIRRRHDDKEKLLADQRLKREQEEADIAARRHTGVIPTHHQFITNER
 FGDLLNIDDTAKRKSGSEMRPARAKFDFKAQTLKELPLQKGDIVYIYKQIDQNWYEG
 EHHGRVGIFPRTYIELPPAEKAQPKKLTVPVQVLEYGEIAKFNFGDTQVEMSF
 GERITLLRQVDENWYEGRIPGTSRQGIFPITYVDVIKRLVKNPVDYMDLPFSSSPSR
 SATASPQPWREESGQYERKAERGAGERGPGGPKISKKSCLKPSDVVRCLSTEQRL
 SDLNTPESRPGKPLGSAFPGSEAEQTERHRGGEQAGRKAARRGGSQQPQAQQR
 RVTPDRSQTSQDLFSYQALYSYIPQNDDELELRDGDIVDMEKCDGWFVGTSRRT
 KQFGTFPGNYVKPLYLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SORBS1 sorbin and SH3 domain containing 1 [Homo sapiens (human)]

Official Symbol SORBS1

Synonyms SORBS1; sorbin and SH3 domain containing 1; SH3 domain protein 5 (ponsin), SH3D5; sorbin and SH3 domain-containing protein 1; c Cbl associated protein; CAP;

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FLJ12406; KIAA1296; ponsin; sh3p12; SH3 domain protein 5; c-Cbl associated protein; c-Cbl-associated protein; SH3-domain protein 5 (ponsin); Fas-ligand associated factor 2; FLAF2; R85FL; SH3D5; SORB1; SH3P12; DKFZp451C066; DKFZp586P1422;

Gene ID [10580](#)

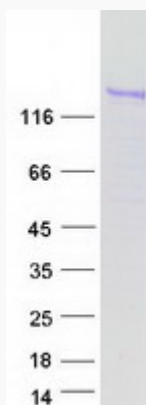
mRNA Refseq [NM_001034955](#)

Protein Refseq [NP_001030127](#)

MIM [605264](#)

UniProt ID [Q9BX66](#)

SDS-PAGE



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