

Recombinant Mouse Sh2b2 Protein, Myc/DDK-tagged

Cat. No. Sh2b2-5833M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SH2B adaptor protein 2 (Sh2b2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Adapter protein for several members of the tyrosine kinase receptor family. Involved in multiple signaling pathways. May be involved in coupling from immunoreceptor to Ras signaling. Acts as a negative regulator of cytokine signaling in collaboration with CBL. Binds to EPOR and suppresses EPO-induced STAT5 activation, possibly through a masking effect on STAT5 docking sites in EPOR. Suppresses PDGF-induced mitogenesis. May induce cytoskeletal reorganization via interaction with VAV3.
Molecular Mass	66.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Sh2b2 SH2B adaptor protein 2 [Mus musculus (house mouse)]

Official Symbol Sh2b2

Synonyms

SH2B2; SH2B adaptor protein 2; SH2B adapter protein 2; insulin receptor substrate 5; SH2 and PH domain-containing adapter protein APS; adapter protein with pleckstrin homology and Src homology 2 domains; adaptor protein with pleckstrin homology and src homology 2 domains; Aps

Gene ID 23921

mRNA Refseq NM_018825

Protein Refseq NP_061295

UniProt ID Q9JID9

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