

Recombinant Mouse Sh3bp5 Protein, Myc/DDK-tagged

Cat. No. Sh3bp5-5843M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length SH3-domain binding protein 5 (BTK-associated) (Sh3bp5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Functions as guanine nucleotide exchange factor (GEF) with specificity for RAB11A and RAB25. Inhibits the auto- and transphosphorylation activity of BTK. Plays a negative regulatory role in BTK-related cytoplasmic signaling in B-cells. May be involved in BCR-induced apoptotic cell death.
Molecular Mass	51.5 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Sh3bp5 SH3-domain binding protein 5 (BTK-associated) [Mus musculus (house mouse)]
Official Symbol	Sh3bp5
Synonyms	SH3BP5; SH3-domain binding protein 5 (BTK-associated); SH3 domain-binding protein 5; SH3 domain-binding protein that preferentially associates with BTK; Sab; SH3BP-5; AI606498
Gene ID	24056
mRNA Refseq	NM_011894
Protein Refseq	NP_036024
UniProt ID	Q9Z131

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