Recombinant Human SH3BP5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH3BP5-1761H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH3BP5 MS Standard C13 and N15-labeled recombinant protein (NP_004835) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
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	50.4 kDa
AA Sequence	MDAALKRSRSEEPAEILPPARDEEEEEEEGMEQGLEEEEEVDPRIQGELEKLNQST DDINRRETELEDARQKFRSVLVEATVKLDELVKKIGKAVEDSKPYWEARRVARQAQL EAQKATQDFQRATEVLRAAKETISLAEQRLLEDDKRQFDSAWQEMLNHATQRVME AEQTKTRSELVHKETAARYNAAMGRMRQLEKKLKRAINKSKPYFELKAKYYVQLEQ LKKTVDDLQAKLTLAKGEYKMALKNLEMISDEIHERRRSSAMGPRGCGVGAEGSST SVEDLPGSKPEPDAISVASEAFEDDSCSNFVSEDDSETQSVSSFSSGPTSPSEMPD QFPAVVRPGSLDLPSPVSLSEFGMMFPVLGPRSECSGASSPECEVERGDRAEGAE NKTSDKANNNRGLSSSSGSGGSSKSQSSTSPEGQALENRMKQLSLQCSKGRDGIIA DIKMVQIGTRTRPLEQKLISEEDLAANDILDYKDDDDKV

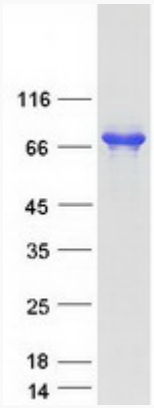
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration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

GENE INFORMATION

Gene Name	SH3BP5 SH3 domain binding protein 5 [Homo sapiens (human)]
Official Symbol	SH3BP5
Synonyms	SH3BP5; SH3-domain binding protein 5 (BTK-associated); SH3 domain-binding protein 5; Sab; SH3 binding protein; SH3BP-5; SH3 domain-binding protein that preferentially associates with BTK; SAB;
Gene ID	9467
mRNA Refseq	NM_004844
Protein Refseq	NP_004835
MIM	605612
UniProt ID	O60239

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SDS-PAGE	

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