

Recombinant Human SH3BP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH3BP2-2359H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH3BP2 MS Standard C13 and N15-labeled recombinant protein (NP_003014) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene has an N-terminal pleckstrin homology (PH) domain, an SH3-binding proline-rich region, and a C-terminal SH2 domain. The protein binds to the SH3 domains of several proteins including the ABL1 and SYK protein tyrosine kinases, and functions as a cytoplasmic adaptor protein to positively regulate transcriptional activity in T, natural killer (NK), and basophilic cells. Mutations in this gene result in cherubism. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	62.2 kDa
AA Sequence	MAAEEMHWPVPMKAIGAQNLLTMPGGVAKAGYLHKKGGTQLQLLKWPLRFVIIHKR CVYYFKSSTSASPQGAFSLSGYNRMRAAEETTSNNVFPFKIIHISKKHRTWFFSAS SEEERKSWMALLRREIGHFHEKKDLPLDTSDDSSDTSFYGAVERPVDISLSPYPTD NEDYEHDDDDSYLEPDSPEPGRLEDALMHPPAYPPPPVPTPRKPAFSDMPRAHS FTSKGPGPLPPPPPKHGLPDVGLAAEDSKRDPLCPRAEPCPRVPATPRRMSDPP LSTMPTAPGLRKPPCFRESASPSPEPWTPGHGACSTSSAAIMATATSRNCDKLKSF

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HLSPRGPTSEPPVPANKPKFLKIAEEDPPREAAMPGLFVPPVAPRPPALKLPVPE
 AMARPAVLPRPEKPQLPHLQRSPPDGQSFRSFSFEKPRQPSQADTGGDDSDDEYE
 KVPLPNSVVFVNTTESCEVERLFKATSPRGEPQDGLYCIRNSSTKSGKVLVWDETS
 NKVRNYRIFEKDSKFYLEGEVLFVSVGSMVEHYHTHVLP SHQSLLLRHPYGYTGPRT
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

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 SH3BP2 SH3-domain binding protein 2 [Homo sapiens (human)]

Official Symbol SH3BP2

Synonyms SH3BP2; SH3-domain binding protein 2; Cherubism; SH3 domain-binding protein 2; CRBM; RES4 23; Abl-SH3 binding protein 2; TNFAIP3 interacting protein 2; 3BP2; CRPM; 3BP-2; RES4-23; FLJ42079; FLJ54978;

Gene ID 6452

mRNA Refseq NM_003023

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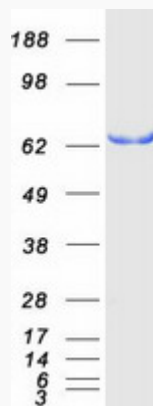
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Protein Refseq NP_003014

MIM 602104

UniProt ID P78314

SDS-PAGE



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