

Product datasheet for PH305759

SH3BP2 (NM_003023) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SH3BP2 MS Standard C13 and N15-labeled recombinant protein (NP_003014)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205759
Predicted MW:	62.2 kDa
Protein Sequence:	>RC205759 protein sequence Red=Cloning site Green=Tags(s)

MAAEEMHWPVPMKAIGAQNLLTMPGGVAKAGYLHKKGGTQLQLLKWPLRFVIIHKRCVYYFKSSTSASPQ
GAFSLSGYNRVMRAAEETTNNVFPFKIIHISKKHRTWFFSASSEERKSWMALLRREIGHFHEKKDLPL
DTSDDSDTDSFYGAVERPVDISLSPYPTDNEDYEHDDEDDSYLEPDSPEPGRLEDALMHPAYPPPPVP
TPRKPAFSDMPRAHSFTSKGPGPLPPPPPKHGLPDVGLAAEDSKRDPLCPRAEPCPRVPATPRRMSDP
PLSTMPTAPGLRPPCFRESASPSPEPWTGHCACSTSSAAIMATATSRNCDKLSFHLSPRGPPTSEPP
PVPANKPKFLKIAEEDPPREAAMPGLFVPPVAPRPPALKLPVPEAMARPAVLPRPEKQLPHLQRSPPDG
QSFRSFSFEKPRQPSQADTGGDDSEDEYEVPLPNSVFNVTTESCEVERLFKATSPRGEPQDGLYICIRNS
STKSGKVLVWDETSNKVRNYRIFEKDSKFYLEGEVLFVSVGSMVEHYHTHVLPESHQSLLLRHPYGYTGP
R

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003014
RefSeq Size:	9209
RefSeq ORF:	1683



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Synonyms: 3BP-2; 3BP2; CRBM; CRPM; RES4-23

Locus ID: 6452

UniProt ID: [P78314](#), [A0A384N6E5](#)

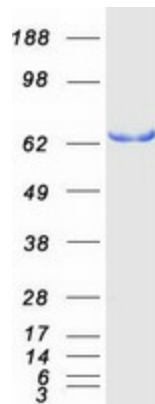
Cytogenetics: 4p16.3

Summary: 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. [provided by RefSeq, Mar 2009]

Protein Families: Druggable Genome

Protein Pathways: Natural killer cell mediated cytotoxicity

Product images:



Coomassie blue staining of purified SH3BP2 protein (Cat# [TP305759]). The protein was produced from HEK293T cells transfected with SH3BP2 cDNA clone (Cat# [RC205759]) using MegaTran 2.0 (Cat# [TT210002]).