Recombinant Human SH2B3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SH2B3-3773H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SH2B3 MS Standard C13 and N15-labeled recombinant protein (NP_005466) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the SH2B adaptor family of proteins, which are involved in a range of signaling activities by growth factor and cytokine receptors. The encoded protein is a key negative regulator of cytokine signaling and plays a critical role in hematopoiesis. Mutations in this gene have been associated with susceptibility to celiac disease type 13 and susceptibility to insulin-dependent diabetes mellitus. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Molecular Mass	63 kDa
AA Sequence	MNGPALQPSSPSSAPSASPAAAPRGWSEFCELHAVAAARELARQYWLFAREHPQH APLRAELVSLQFTDLFQRYFCREVRDGRAPGRDYRDTGRGPPAKAEASPEPGPGP AAPGLPKARSSEELAPPRPPGPCSFQHFRRSLRHIFRRRSAGELPAAHTAAAPGTP GEAAETPARPGLAKKFLPWSLAREPPPEALKEAVLRYSLADEASMDSGARWQRGR LALRRAPGPDGPDRVLELFDPPKSSRPKLQAACSSIQEVRRCTRLEMPDNLYTFVLK VKDRTDIIFEVGDEQQLNSWMAELSECTGRGLESTEAEMHIPSALEPSTSSSPRGST

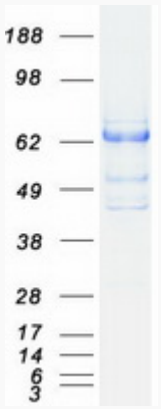
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	DSLNQGASPGGLLDPACQKTDHFLSCYPWFHGPISRVKAAQLVQLQGPDAHGVFL VRQSETRRGEYVLTFNFQGIAKHLRLSLTERGQCRVQHLHFPSVVDMLHHFQRSPI PLECGAACDVRLSSYVVVVSQPPGSCNTVLFPFSLPHWDSESLPHWGSELGLPHLS SSGCPRGLSPEGLPGRSSPPEQIFHLVPSPEELANSLQHLEHEPVNRARDSDYEMD SSSRSHLRAIDNQYTPLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	SH2B3 SH2B adaptor protein 3 [Homo sapiens (human)]
Official Symbol	SH2B3
Synonyms	SH2B3; SH2B adaptor protein 3; SH2B adapter protein 3; IDDM20; LNK; lymphocyte adaptor protein; signal transduction protein Lnk; lymphocyte-specific adapter protein Lnk;
Gene ID	10019
mRNA Refseq	NM_005475

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Protein Refseq	NP_005466
MIM	605093
UniProt ID	Q9UQQ2
SDS-PAGE	

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