

Recombinant Human SH2B3 Mutant (R262W) Protein, DDK/His-tagged

Cat. No. SH2B3-054H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified mutant recombinant protein of Human SH2B adaptor protein 3 (SH2B3), mutation at (R262W) with a DDK/His tag was expressed in HEK293
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	106.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 12 months from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration > 50 µg/mL as determined by microplate Bradford method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name SH2B3 SH2B adaptor protein 3 [Homo sapiens (human)]

Official Symbol SH2B3

Synonyms SH2B3; SH2B adaptor protein 3; LNK; IDDM20; SH2B adapter protein 3; lymphocyte-specific adapter protein Lnk; signal transduction protein Lnk; truncated SH2B3

Gene ID 10019

mRNA Refseq NM_005475

Protein Refseq NP_005466

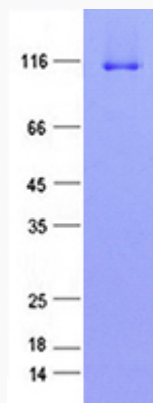
MIM 605093

UniProt ID Q9UQQ2

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SDS-PAGE

Purified recombinant protein DDX58 (R262W) was analyzed by SDS-PAGE gel and Coomassie Blue Staining.

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