

# 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

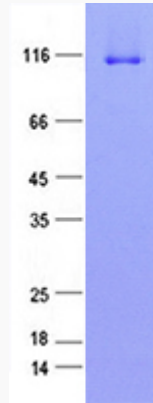
**UniProt ID** Q9UQQ2

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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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