Recombinant Mouse Sh2b3 Protein, MYC/DDK-tagged

Cat. No. Sh2b3-1332M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse SH2B adaptor protein 3 (Sh2b3), with C-terminal MYC/DDK tag, was expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the SH2B family of adapter proteins that play an important role in T cell receptor signaling. This gene is preferentially expressed in hematopoietic stem cells, hematopoietic progenitors, pre and immature B cells, as well as megakaryocytes and mastocytes. In hematopoietic stem cells, the encoded protein is a key regulator of self-renewal, proliferation and apoptosis. Mice lacking the encoded protein exhibit pre and immature B cell expansion in spleen and the bone marrow. Alternative splicing results in multiple transcript variants encoding different isoforms.
Molecular Mass	60.9 kDa
Purity	>80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	>50 g/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Sh2b3 SH2B adaptor protein 3 [Mus musculus (house mouse)]
Official Symbol	Sh2b3
Synonyms	Sh2b3; SH2B adaptor protein 3; Lnk; AI429800; SH2B adapter protein 3; linker of T-cell receptor pathways; lymphocyte-specific adapter protein Lnk; signal transduction protein Lnk
Gene ID	16923
mRNA Refseq	NM_008507
Protein Refseq	NP_032533
UniProt ID	O09039

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA