

## Recombinant Mouse Lat2 Protein, Myc/DDK-tagged

Cat. No. Lat2-3755M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length linker for activation of T cells family, member 2 (Lat2), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Involved in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. May also be involved in BCR (B-cell antigen receptor)-mediated signaling in B-cells and FCGR1 (high affinity immunoglobulin gamma Fc receptor I)-mediated signaling in myeloid cells. Couples activation of these receptors and their associated kinases with distal intracellular events through the recruitment of GRB2.
<b>Molecular Mass</b>	21.4 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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## GENE INFORMATION

**Gene Name** Lat2 linker for activation of T cells family, member 2 [ *Mus musculus* (house mouse) ]

**Official Symbol** Lat2

**Synonyms**

LAT2; linker for activation of T cells family, member 2; linker for activation of T-cells family member 2; non-T cell activation linker; non-T-cell activation linker; linker for activation of B-cells; membrane-associated adapter molecule; Williams-Beuren syndrome chromosome region 5 homolog; Williams-Beuren syndrome chromosome region 15 homolog; williams-Beuren syndrome chromosomal region 15 protein homolog; LAB; NTAL; WSCR5; Wbscr5; Wbscr15; AW125574

**Gene ID** 56743

**mRNA Refseq** NM\_022964

**Protein Refseq** NP\_075253

**UniProt ID** Q9JHL0

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