

Recombinant Human LAT2, His-tagged

Cat. No. LAT2-2487H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NTAL, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 26.2 kDa (238aa).
Species	Human
Source	E.coli
Description	NTAL (non-T cell activation linker), as known as LAT2, is transmembrane adaptor protein (TRAP) associated with glycolipid-enriched membrane fractions (GEM or lipid rafts). This protein is primarily expressed in spleen and hematopoietic cells, such as B cells, mast cells, NK cells, and monocytes, but not resting T cells. Defects in NTAL may be a cause of certain cardiovascular and musculo-skeletal abnormalities observed in Williams-Beuren syndrome (WBS).
Form	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol.
Purity	> 80% by SDS – PAGE.
Concentration	0.25 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MRCSRPGAKR SEKIYQQRSL REDQQSFTGS RTYSLVGQAW PGPLADMAPT RKDKLLQFYF SLEDPASSRY QNFSKGSRHG SEEAYIDPIA MEYYNWGRFS KPPEDDDANS YENVLICKQK TTETGAQQEG IGGLCRGDLS LSLALKTGPT SGLCPSASPE EDEESEDYQN SASIQHWRES RKVMGQLQRE ASPGPVGSPD EEDGEPDYVN GEVAATEA.

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Storage

Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION
Gene Name

LAT2 linker for activation of T cells family, member 2 [Homo sapiens]

Synonyms

linker for activation of T cells family, member 2; LAB; NTAL; WSCR5; WBSCR5; HSPC046; WBSCR15; LAT2; linker for activation of T-cells family member 2; OTTHUMP00000213098; non-T cell activation linker; non-T-cell activation linker; linker for activation of B cells; linker for activation of B-cells; membrane-associated adapter molecule; Williams-Beuren syndrome chromosome region 5; Williams-Beuren syndrome chromosome region 15; williams-Beuren syndrome chromosomal region 5 protein; williams-Beuren syndrome chromosomal region 15 protein; OTTHUMP00000179119; Williams-Beuren syndrome chromosomal region 15 protein; Linker for activation of B-cells; Membrane-associated adapter molecule; Non-T-cell activation linker; WBS15

Gene ID

7462

mRNA Refseq

NM_014146

Protein Refseq

NP_054865

MIM

605719

UniProt ID

Q9GZY6

**Chromosome
Location**

7q11.23

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Function

SH2 domain binding; protein binding

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