

## Recombinant Human LAT2, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	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).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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).
<b>Form</b>	Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol.
<b>Purity</b>	> 80% by SDS – PAGE.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay).
<b>Sequences Of Amino Acids</b>	MGSSHHHHHH SSGLVPRGSH MRCSRPGAKR SEKIYQQRSL REDQQSFTGS RTYSLVGQAW PGPLADMAPT RKDKLLQFYF SLEDPASSRY QNFSKGSRHG SEEAYIDPIA MEYYNWGRFS KPPEDDDANS YENVLICKKQK TTETGAQQEG IGGLCRGDLS LSLALKTGPT SGLCPSASPE EDEESEDYQN SASIHQWRES RKVMGQLQRE ASPGPVGSPP EEDGEPTYVN GEVAATEA.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**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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