

Recombinant Human LAT2, His-tagged

Cat. No. LAT2-29925TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 27-243 of Human NTAL with N terminal His tag; 238 amino acids with tag, MWt 26.2kDa.
Species	Human
Source	E.coli
ProteinLength	217 amino acids
Description	This gene is one of the contiguous genes at 7q11.23 commonly deleted in Williams syndrome, a multisystem developmental disorder. This gene consists of at least 14 exons, and its alternative splicing generates 3 transcript variants, all encoding the same protein.
Conjugation	HIS
Molecular Weight	26.200kDa inclusive of tags
Tissue specificity	Highly expressed in spleen, peripheral blood lymphocytes, and germinal centers of lymph nodes. Also expressed in placenta, lung, pancreas and small intestine. Present in B-cells, NK cells and monocytes. Absent from T-cells (at protein level).
Form	Liquid
Storage buffer	Preservative: None Constituents: 10% Glycerol, 20mM Tris HCl, pH 8.0

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHH SSGLVPRGSH MRCSRPGAKR SEKIYQQRSL REDQQSFTGS RTYSLVGQAW PGPLADMAPT RKDKLLQFYP SLEDPASSRY QNFSKGSRHG SEEAYIDPIA MEYYNWGRFS KPPEDDDANS YENVCLICKQK TTETGAQQEG IGGLCRGDLS LSLALKTGPT SGLCPSASPE EDEESEDYQN SASIHWRES RKVMGQLQRE ASPGPVGSPD EEDGEPDYVN GEVAATEA
GENE INFORMATION	
Gene Name	LAT2 linker for activation of T cells family, member 2 [Homo sapiens]
Official Symbol	LAT2
Synonyms	LAT2; linker for activation of T cells family, member 2; WBSCR5, WBSCR15, Williams Beuren syndrome chromosome region 5; linker for activation of T-cells family member 2; HSPC046; LAB; linker for activation of B cells; linker for activation of T cells; tr
Gene ID	7462
mRNA Refseq	NM_014146
Protein Refseq	NP_054865
MIM	605719
Uniprot ID	Q9GZY6
Chromosome Location	7q11.23

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Pathway	B Cell Receptor Signaling Pathway, organism-specific biosystem; Fc-epsilon receptor I signaling in mast cells, organism-specific biosystem;
Function	SH2 domain binding; protein binding;

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