

Product datasheet for **TP726983**

NTAL (LAT2) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Linker for Activation of T-Cells Family Member 2/LAT2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Arg27-Ala243
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Human Linker for Activation of T-Cells Family Member 2 is produced by our Mammalian expression system and the target gene encoding Arg27-Ala243 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	7462
UniProt ID:	Q9GZY6
Synonyms:	Linker for Activation of T-Cells Family Member 2; Linker for Activation of B-Cells; Membrane-Associated Adapter Molecule; Non-T-Cell Activation Linker; Williams-Beuren Syndrome Chromosomal Region 15 Protein; Williams-Beuren Syndrome Chromosomal Region 5 Protein; LAT2; LAB; NTAL; WBS15; WBSCR15; WBSCR5
Summary:	Linker for Activation of T-Cells Family Member 2 (LAT2) is a single-pass type III membrane protein. LAT2 is highly expressed in the spleen, peripheral blood lymphocytes, and germinal centers of lymph nodes. LAT2 is involved in FCER1 (high affinity immunoglobulin epsilon receptor)-mediated signaling in mast cells. It 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. Coupling activate of these receptors and their associated kinases with distal intracellular events through the recruitment of GRB2.
Protein Families:	Transmembrane



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