

# Recombinant Human LAT2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** LAT2-6724H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	LAT2 MS Standard C13 and N15-labeled recombinant protein (NP_115852) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	26.6 kDa
<b>AA Sequence</b>	MSSGTELLWPGAALLVLLGVAASLCVRC SRPGAKRSEKIYQQRSLREDQQSFTGSR TYSLVGQAWPGPLADMAPTRKDKLLQFYPSLEDPASSRYQNFSGSRHGSEEAYID PIAMEYYNWGRFSKPPEDDDANSYENVLICKQKTTETGAQQEGIGGLCRGDL SLSL ALKTGPTSGLCPSASPEEDEESEDYQNSASIHQWRESRKVMGQLQREASPGPVGS PDEEDGE PDYVNGEVAATEATRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.

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<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	LAT2 linker for activation of T cells family member 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	LAT2
<b>Synonyms</b>	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; transmembrane adaptor 2; non T cell activation linker; NTAL; WSCR5; non-T-cell activation linker; linker for activation of B-cells; membrane-associated adapter molecule; Williams-Beuren syndrome chromosomal region 5 protein; Williams-Beuren syndrome chromosomal region 15 protein; linker for activation of T cells, transmembrane adaptor 2; WBSCR5; WBSCR15;
<b>Gene ID</b>	7462
<b>mRNA Refseq</b>	NM_032463
<b>Protein Refseq</b>	NP_115852
<b>MIM</b>	605719
<b>UniProt ID</b>	Q9GZY6

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**SDS-PAGE**



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