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

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

SPECIFICATION

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

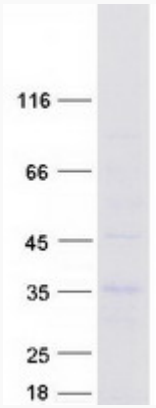
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	LAT2 linker for activation of T cells family member 2 [Homo sapiens (human)]
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; 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;
Gene ID	7462
mRNA Refseq	NM_032463
Protein Refseq	NP_115852
MIM	605719
UniProt ID	Q9GZY6

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA