

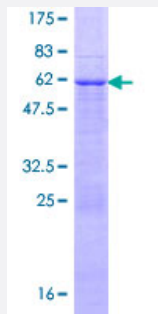
Full-Length

LAT2 (Human) Recombinant Protein (P01)

Catalog # H00007462-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LAT2 full-length ORF (NP_054865.2, 1 a.a. - 243 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSSGTELLWPGAALLVLLGVAASLCVRCSPGAKRSEKIYQQRSLREDQQSFTGSRTYSLVGQA
WPGPLADMAPTRKDKLLQFYPSLEDPASSRYQNFSGSRHGSEEAYIDPIAMEYNNWGRFSKPP
EDDDANSYENVLICKQKTTETGAQQEGIGGLCRGDLSSLALKTGPTSGLCPSASPEEDEESEDY
QNSASIHQWRESRKVMGQLQREASPGPVGSPDEEDGEPPDYVNGEVAATEA

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

53

Interspecies Antigen Sequence

Mouse (50); Rat (50)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LAT2

Entrez GeneID [7462](#)**GeneBank Accession#** [NM_014146.3](#)**Protein Accession#** [NP_054865.2](#)**Gene Name** LAT2**Gene Alias** HSPC046, LAB, NTAL, WBSCR15, WBSCR5, WSCR5**Gene Description** linker for activation of T cells family, member 2**Omim ID** [605719](#)**Gene Ontology** [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations OTTHUMP00000160648|OTTHUMP00000179118|OTTHUMP00000179119|Williams-Beuren syndrome chromosome region 15|Williams-Beuren syndrome chromosome region 5|linker for activation of B cells|linker for activation of T cells family member 2|non-T cell activation lin