

Linker for Activation of T Cells Human Recombinant

Item Number	rAP-4505
Synonyms	Linker for activation of T cells, LAT1, 36 kDa phospho-tyrosine adapter protein, p36-38, pp36, linker for activation of T cells transmembrane adaptor, linker for activation of T-cells family member 1.
Description	LAT Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 227 amino acids (28-233) and having a molecular mass of 24.4 kDa (Molecular weight on SDS-PAGE will appear higher).LAT is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatography.
Uniprot Accession Number	O43561
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MHCHRLPGSY DSTSSDSLYP RGIQFKRPHT VAPWPPAYPP VTSYP-PLSQP DLLPIRSPQ PLGGSHRTPS SRRSDGANS VASYENEEPA CEDADEDED YHNPGLVVL PDSTPATSTA APSAPALSTP GIRDSAFSME SIDDYVNVPE SGESAEASLD GSREYVNVSQ ELHPGAAK-TE PAALSSQEAE EVEEEGAPDY ENLQELN
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The LAT solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**