9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LAT Human

Linker for Activation of T Cells Human Recombinant
RCP1225

Product Overview

Name	LAT Human
Description	
Linker for Activation of T Cells Human Recombinant	
Accession (Primary)	O43561
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.	
Introduction	
LAT is a vital membrane protein that is phosphorylated by ZAP-70/Syk protein tyrosine kinases succeeding activation of the T-cell antigen receptor (TCR) signal transduction pathway. LAT is expressed in T lymphocytes in interstitial spaces, platelets and megakaryocytes.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The LAT solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH M HCHRLPGSY DSTSSDSLYP RGIQFKRPHT VAPWPPAYPP VTSYPPLSQP DLLPIPRSPQ PLGGSHRTPS SRRDSDGANS VASYENEEPA CEDADEDEDD YHNPGYLVVL PDSTPATSTA APSAPALSTP GIRDSAFSME SIDDYVNVPE SGESAEASLD GSREYVNVSQ ELHPGAAKTE PAALSSQEAE EVEEEGAPDY ENLQELN	
Precautions	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LAT Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43561)