

## 32-4095: Recombinant Human Linker for Activation of T Cells

**Alternative Name** : 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

Source : E.coli. 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 chromatographic techniques. 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.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 95% as determined by SDS-PAGE.

**Content :** The LAT solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) and 1mM DTT.

**Storage condition :** 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.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MHCHRLPGSY DSTSSDSLYP RGIQFKRPHT VAPWPPAYPP VTSYPPLSQP  
DLLPIRSPQ PLGGSHRTPS SRRSDGANS VASYNEEPA CEDEDEDD YHNPGLVVL PDSTPATSTA  
APSAPALSTP GIRDSAFSME SIDDYVNVPE SGESAEASLD GSREYVNVSQ ELHPGAAKTE PAALSSQAE  
EVEEAGAPDY ENLQELN

