

## 32-13293: LCP2 Human

**Alternative Name :** Lymphocyte Cytosolic Protein 2, SH2 Domain-Containing Leukocyte Protein Of 76 KDa, 76 KDa Tyrosine Phosphoprotein, SLP-76 Tyrosine Phosphoprotein, SLP76, Lymphocyte Cytosolic Protein 2 (SH2 Domain Containing Leukocyte Protein Of 76kDa), Lymphocyte Cytosolic Protein 2 (SH2 Domain-Containing Leukocyte Protein Of 76kD), SH2 Domain-Containing Leukocyte Protein Of 76Kd, SLP-76, LCP2.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

LCP2 (lymphocyte cytosolic protein 2) is an intracellular docking protein with a single SH2 recognition domain. LCP2 is implicated in T-cell antigen receptor mediated signaling. Moreover, LCP2 is phosphorylated by ZAP70 which leads to NF-AT as well as IL2 gene activation. B Cell Linker Protein Deficiency is one of the associated diseases with LCP2.

LCP2 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (1-533 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 542 amino acids and having a molecular mass of 61.2kDa. LCP2 is purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** LCP2 protein solution (0.25mg/ml) contains 10% glycerol & Phosphate buffered saline (pH7.4).

**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 :** ADPMALRNVP FRSEVLGWDP DSLADYFKKL NYKDCEKAVK KYHIDGARFL NLTENDIQKF  
PKLRVPILSK LSQEINKNEE RRSIFTRKPQ VPRFPEETES HEEDNGGWSS FEEDDYESPN  
DDQDGEDDGD YESPNEEEEA PVEDDADYEP PPSNDEEALQ NSILPAKFPF NSNSMYIDRP  
PSGKTPQQPP VPPQRPMAAL PPPAGRNHS PLPPPQTNHE EPSRSRNHKT AKLPAPSIDR  
STKPPLDRSL APFDREPFTL GKKPPFSDKP SIPAGRSLGE HLPKIQKPL PPTTERHERS  
SPLPGKKPPV PKHGWGPDRR ENDEDDVHQR PLPQPALLPM SSNTFPSRST KPSPMNPLPS  
SHMPGAFSES NSSFPQSASL PPYFSQGPSN RPPIRAEGRN FPLPLPNKPR PPSPAEENE  
LNEEWYVSYI TRPEAEAAALR KINQDGTFLV RDSSKKTNTN PYVLMVLYKD KVYNIQIRYQ  
KESQVYLLGT GLRGKEDFLS VSDIIDYFRK MPLLLIDGKN RGSRYQCTLT HAAGYPHHHH HH