

Recombinant Human LCP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LCP2-4623H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	LCP2 MS Standard C13 and N15-labeled recombinant protein (NP_005556) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an adapter protein that acts as a substrate of the T cell antigen receptor (TCR)-activated protein tyrosine kinase pathway. The encoded protein associates with growth factor receptor bound protein 2, and is thought to play a role TCR-mediated intracellular signal transduction. A similar protein in mouse plays a role in normal T-cell development and activation. Mice lacking this gene show subcutaneous and intraperitoneal fetal hemorrhaging, dysfunctional platelets and impaired viability.
Molecular Mass	60.2 kDa
AA Sequence	MALRNVFPRSEVLGWDPDSLADYFKKLNYKDCEKAVKKYHIDGARFLNLTENDIQKF PKLRVPILSKLSQEINKNEERRSIFTRKPQVPRFPEETESHEEDNGGWSSFEEDDYE SPNDDQDGEDDGDYESPNEEEEEAPVEDDADYEPPPSNDEEALQNSILPAKPPFNSN SMYIDRPPSGKTPQQPPVPPQRPMAALPPPPAGRNHSPLPPPQTNHEEPSRSRNH KTAKLPAPSIDRSTKPPLDRSLAPFDREPFTLGKKPPFSDKPSIPAGRSLGEHLPKIQ KPPLPPTTERHERSSPLPGKKPPVPKHGWGPDRRENDEDDVHQRPLPQPALLPMS

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SNTFPSRSTKPSPMNPLPSSHMPGAFSESNSSFPQSASLPPYFSQGSPSNRPPIRAE
GRNFPLPLPNKPRPPSPAEENSLNEEWYVSYITRPEAEALRKINQDGTFLVRDSS
KKTNTNPYVLMVLYKDKVYNIQIRYQKESQVYLLGTGLRGKEDFLSVSDIIDYFRKMP
LLIDGKNRGSRYQCTLTHAAGYPTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name LCP2 lymphocyte cytosolic protein 2 [Homo sapiens (human)]

Official Symbol LCP2

Synonyms LCP2; lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kDa); lymphocyte cytosolic protein 2 (SH2 domain containing leukocyte protein of 76kD), SLP76; lymphocyte cytosolic protein 2; 76 kDa tyrosine phosphoprotein; SH2 domain containing leukocyte protein of 76kD; SLP 76; SLP-76 tyrosine phosphoprotein; SH2 domain-containing leukocyte protein of 76kD; SH2 domain-containing leukocyte protein of 76 kDa; SLP76; SLP-76;

Gene ID 3937

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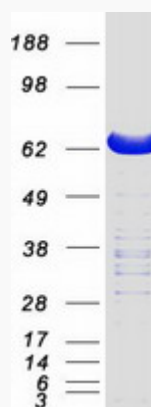
mRNA Refseq NM_005565

Protein Refseq NP_005556

MIM 601603

UniProt ID Q13094

SDS-PAGE



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