

## Recombinant Human LCP2 Protein

Catalog #	Source	Reactivity	Applications
CRP1884	E. coli	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human LCP2 Protein is produced by our E. coli expression system and the target gene encoding Met1-Pro533 is expressed with a T7 tag at the N-terminus, 6His tag at the C-terminus.

**Form** Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 200mM NaCl, 20% Glycerol, pH8.5.

**Gene Symbol** LCP2

**Alternative Names** Lymphocyte cytosolic protein 2; SH2 domain-containing leukocyte protein of 76 kDa; SLP-76 tyrosine phosphoprotein; SLP76

**Entrez Gene** 3937 (Human)

**SwissProt** Q13094 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** MASMTGGQQM GRGSMALRNV PFRSEVLGWD PDSLADYFKK LNYKDCEKAV  
 KKYHIDGARF LNLTENDIQK FPKLRVPILS KLSQEINKNE ERRSIFTRKP QVPRFPEETE  
 SHEEDNGGWS SFEEDDYESP NDDQDGEDDG DYESPNEEEE APVEDDADYE PPPSNDEEAL  
 QNSILPAKPF PNSNSMYIDR PPSGKTPQQP PVPPQRPMAA LPPPPAGR NH SPLPPPQTNH  
 EEPSRSRNHK TAKLPAPSID RSTKPPLDRS LAPFDREPFT LGKKPPFSDK PSIPAGRSLG  
 EHLPKIQKPP LPPTTERHER SSPLPGKKPP VPKHGWGPDR RENDEDDVHQ RPLPQPALLP  
 MSSNTFPSRS TKSPMNPLP SSHMPGAFSE SNSSFQSQS LPPYFSQGPS NRPPIRAAGR  
 NFPLPLPNKP RPPSPAEEN SLNEEWYVSY ITRPEAEAAL RKINQDGTFL VRDSSKTTT  
 NPYVLMVLYK DKVYNIQIRY QKESQVYLLG TGLRGKEDFL SVSDIIDYFR KMPLLLIDGK  
 NRGSRQCTL THAAGYPLEH HHHHH

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

<b>Quality Control</b>	Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.
<b>Directions for Use</b>	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage/Stability</b>	Store it at -20°C to -80°C for one year.

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