



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### LCP2 (Human) Recombinant Protein (P02)

**Catalog Number:** H00003937-P02

**Regulation Status:** For research use only (RUO)

**Product Description:** Human LCP2 full-length ORF (AAH16618.1, 1 a.a. - 533 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MALRNVPFRSEVLGWDPDSLADYFKKLNKYKDCEKAVK  
KYHIDGARFLNLTENDIQKFPKLRVPILSKLSQEINKNE  
ERRSIFTRKQVPRFPEETESHEEDNGGWSSFEEDDY  
ESPNDQDGEDDGDYESPNEEEEEAPVEDDADYEPPP  
SNDEEALQNSILPAKPFPSNSMYIDRPPSGKTPQQP  
PVPPQRPMAALPPPAGRNHSLPPPQTNHEEPSRS  
RNHKTAKLPAPSIDRSTKPLDRSLAPFDREPFTLGKK  
PPFSDKPSIPAGRSLGEHLPKIQKPLPPTTERHERSS  
PLPGKKPPVPKHGWGPDRRENDEDDVHQRLPQPAL  
LPMSSNTFSPSRSTKPSMNPLPSSHMPGAFSESNSSF  
PQSASLPPYFSQGPSNRPPIRAEGRNFLPLPNKPRP  
PSPAEENSLNEEWYVSYITRPEAEALRQINQDGTFL  
VRDSSKTTTNPYVLMVLYKDKVYNIQIRYQKESQVYL  
LGTGLRGKEDFLSVSDIIDYFRKMPLLLIDGKNRGSRY  
QCTLTHAAGYP

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 86.6

**Applications:** AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

**Entrez GeneID:** 3937

**Gene Symbol:** LCP2

**Gene Alias:** SLP-76, SLP76

**Gene Summary:** SLP-76 was originally identified as a substrate of the ZAP-70 protein tyrosine kinase following T cell receptor (TCR) ligation in the leukemic T cell line Jurkat. The SLP-76 locus has been localized to human chromosome 5q33 and the gene structure has been partially characterized in mice. The human and murine cDNAs both encode 533 amino acid proteins that are 72% identical and comprised of three modular domains. The NH<sub>2</sub>-terminus contains an acidic region that includes a PEST domain and several tyrosine residues which are phosphorylated following TCR ligation. SLP-76 also contains a central proline-rich domain and a COOH-terminal SH2 domain. A number of additional proteins have been identified that associate with SLP-76 both constitutively and inducibly following receptor ligation, supporting the notion that SLP-76 functions as an adaptor or scaffold protein. Studies using SLP-76 deficient T cell lines or mice have provided strong evidence that SLP-76 plays a positive role in promoting T cell development and activation as well as mast cell and platelet function. [provided by RefSeq]