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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

LCP2 (Human) Recombinant Protein (P01)

Catalog Number: H00003937-P01

Regulation Status: For research use only (RUO)

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

Sequence:

MALRNVPFRSEVLGWDPDSLADYFKKLNKYKDCEKAVK
KYHIDGARFLNLTENDIQKFPKLRVPILSKLSQEINKNE
ERRSIFTRKPVPRFPEETESHEEDNGGWSSFEEDDY
ESPNDQDGEDDGDYESPNEEEEEAPVEDDADYEPPP
SNDEEALQNSILPAKPFNSNSMYIDRPPSGKTPQQP
PVPPQRPMAALPPPAGRNHSLPPPQTNHEEPSRS
RNHKTAKLPAPSIDRSTKPPLDRSLAPFDREPFTLGKK
PPFSDKPSIPAGRSLGEHLPKIQKPLPPTTERHERSS
PLPGKKPPVPKHGWGPDRRENDEDDVHQRLPQPAL
LPMSSNTFSPSRSTKPSMNPLPSSHMPGAFSESNSFF
PQSASLPPYFSQGPSNRPPIRAEGRNFLPLPNKPRP
PSPAEENSLNEEWYVSYITRPEAEAALRQINQDGTFL
VRDSSKTTTNPYVLMVLYKDKVYNIQIRYQKESQVYL
LGTGLRGKEDFLSVSDIIDYFRKMPLLLIDGKNRGSRY
QCTLTHAAGYP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 84.37

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 NH₂-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]