

Full-Length

LPXN (Human) Recombinant Protein (P01)

Catalog # H00009404-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LPXN full-length ORF (AAH19035, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MEELDALLEELERSTLQDSDEYSNPAPLPLDQHSRKETNLDETSEILSIQDNTSPLPAQLVYTTNIQ
ELNVYSEAQEPKESPPPSKTSAAAQLDELM AHLTEMQAKVAVRADAGKKHLPDKQDHKASLDS
MLGGLEQELQDLGIATVPKGHCASCQKPIAGKVIHALGQSWHPEHFVCTHCKEEIGSSPFFERSG
LAYCPNDYHQLFSPRCAYCAAPILDKVL TAMNQTWHP EHFFCSHCGEVFGAEGFHEKD KKP YCR
KDFLAMFSPKCGGCNRPVLENYLSAMDTVWHPECFVCGDCFTSFSTGSFFELDGRPFCELHYH
HRRGTLCHGCGQPITGRCISAMGYKFHPEHFVCAFC LTQLSKGIFREQNDKTYCQPCFNKLFPL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

68.20

Interspecies Antigen Sequence

Mouse (85); Rat (85)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LPXN

Entrez GeneID[9404](#)**GeneBank Accession#**[BC019035](#)**Protein Accession#**[AAH19035](#)**Gene Name**

LPXN

Gene Alias

LDPL

Gene Description

leupaxin

Omim ID[605390](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The product encoded by this gene is preferentially expressed in hematopoietic cells and belongs to the paxillin protein family. Similar to other members of this focal-adhesion-associated adaptor-protein family, it has four leucine-rich LD-motifs in the N-terminus and four LIM domains in the C-terminus. It may function in cell type-specific signaling by associating with PYK2, a member of focal adhesion kinase family. As a substrate for a tyrosine kinase in lymphoid cells, this protein may also function in, and be regulated by, tyrosine kinase activity. Alternative splicing results in multiple transcript variants encoding distinct isoforms

Other Designations

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Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)