

Recombinant Human LPXN Protein, GST-tagged

Cat. No. LPXN-4712H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human LPXN full-length ORF (AAH19035, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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
Molecular Mass	68.20 kDa
AA Sequence	MEELDALLEELERSTLQDSDEYSNPAPLPLDQHSRKETNLDETSEILSIQDNTSPLPA QLVYTTNIQELNVYSEAEQPKESPPPSKTSAAAQLDELMAHLTEMQAKVAVRADAG KKHLPDKQDHKASLDSMLGGLEQELQDLGIATVPKGHCASCQKPIAGKVIHALGQS WHPEHFVCTHCKEEIGSSPFFERSGLAYCPNDYHQLFSPRCAYCAAPILDKVLTAM NQTWHPEHFFCSHCGEVFGAEGFHEKDKKPYCRKDFLAMFSPKCGGCNRPVLEN YLSAMDTVWHPECFVCGDCFTSFSTGSFFELDGRPFCELHYHRRGTLCHGCGQP

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ITGRCISAMGYKFHPEHFVCAFCLTQLSKGIFREQNDKTYCQPCFNKLFPL

Applications

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

Notes

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

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

LPXN leupaxin [Homo sapiens]

Official Symbol

LPXN

Synonyms

LPXN; leupaxin; LDPL;

Gene ID

9404

mRNA Refseq

NM_001143995

Protein Refseq

NP_001137467

MIM

605390

UniProt ID

O60711

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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