

# Recombinant Full Length Human LPXN Protein, GST-tagged

Cat. No. LPXN-6000HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human LPXN full-length ORF ( AAH19035, 1 a.a. - 386 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	386 amino acids
<b>Description</b>	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
<b>Molecular Mass</b>	68.20 kDa
<b>AA Sequence</b>	MEELDALLEELERSTLQDSDEYSNPAPLPLDQHSRKETNLDETSEILSIQDNTSPLPA QLVYTTNIQELNVYSEAEQEPKESPPPSKTSAAAQLDELMAHLTEMQAKVAVRADAG KKHLPDKQDHKASLDSMLGGLEQELQDLGIATVPKGHCASCQKPIAGKVIHALGQS WHPEHFVCTHCKEEIGSSPFFERSGLAYCPNDYHQLFSPRCAYCAAPILDKVLTAM NQTWHPEHFFCSHCGEVFGAEGFHEKDKKPYCRKDFLAMFSPKCGGCNRPVLEN

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YLSAMDTVWHPECFVCGDCFTSFSTGSFFELDGRPFCELHYHRRGTLCHGCGQP  
ITGRCISAMGYKFHPEHFVCAFLTLQLSKGIFREQNDKTYCQPCFNKLFPL

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	LPXN leupaxin [ Homo sapiens ]
<b>Official Symbol</b>	LPXN
<b>Synonyms</b>	LPXN; leupaxin; LDPL;
<b>Gene ID</b>	9404
<b>mRNA Refseq</b>	NM_001143995
<b>Protein Refseq</b>	NP_001137467
<b>MIM</b>	605390
<b>UniProt ID</b>	O60711

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