Recombinant Human LNPEP protein, MYC/DDK-tagged

Cat. No. LNPEP-29H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LNPEP fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a zinc-dependent aminopeptidase that cleaves vasopressin, oxytocin, lys-bradykinin, met-enkephalin, dynorphin A and other peptide hormones. The protein can be secreted in maternal serum, reside in intracellular vesicles with the insulin-responsive glucose transporter GLUT4, or form a type II integral membrane glycoprotein. The protein catalyzes the final step in the conversion of angiotensinogen to angiotensin IV (AT4) and is also a receptor for AT4. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	117.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	LNPEP leucyl/cystinyl aminopeptidase [Homo sapiens]
Official Symbol	LNPEP
Synonyms	LNPEP; leucyl/cystinyl aminopeptidase; leucyl-cystinyl aminopeptidase; CAP; cystinyl aminopeptidase; P LAP; placental leucine aminopeptidase; PLAP; otase; oxytocinase; vasopressinase; AT (4) receptor; angiotensin IV receptor; insulin-regulated aminopeptidase; insulin-responsive aminopeptidase; insulin-regulated membrane aminopeptidase; IRAP; P-LAP;
Gene ID	4012
mRNA Refseq	NM_005575
Protein Refseq	NP_005566
MIM	151300
UniProt ID	Q9UIQ6

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