

Leucyl/Cystinyl Aminopeptidase Recombinant Protein | LNPEP recombinant protein

Recombinant Leucyl/Cystinyl Aminopeptidase (LNPEP)

CATALOG # AAA150298	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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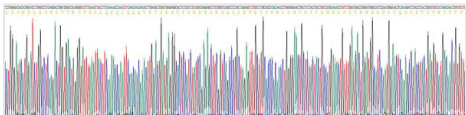
PRODUCT SYNONYMS

Leucyl/Cystinyl Aminopeptidase; Recombinant Leucyl/Cystinyl Aminopeptidase (LNPEP); CAP; PLAP; OTASE; IRAP; Oxytocinase; Insulin-regulated membrane aminopeptidase; Insulin-responsive aminopeptidase; Placental leucine aminopeptidase; LNPEP recombinant protein

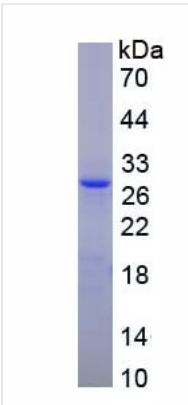
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence Positions	Leu782~Leu1025
Sequence Length	1025
Applicable Applications for LNPEP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Species	Human
Tag	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Isoelectric Point	8.9
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Gene Sequence
Figure. Gene Sequencing (Extract



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for LNPEP recombinant protein	Enzyme & Kinase
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61742777
NCBI GeneID	4012
NCBI Accession #	NP_005566.2
NCBI GenBank Nucleotide #	NP_005566.2
UniProt Accession #	Q9UIQ6
Molecular Weight	Predicted Molecular Mass: 24.5kDa Accurate Molecular Mass: 28kDa
NCBI Official Full Name	leucyl-cystinyl aminopeptidase isoform 1
NCBI Official Synonym Full Names	leucyl and cystinyl aminopeptidase
NCBI Official Symbol	LNPEP
NCBI Official Synonym Symbols	CAP; IRAP; PLAP; P-LAP
NCBI Protein Information	leucyl-cystinyl aminopeptidase
UniProt Protein Name	Leucyl-cystinyl aminopeptidase
UniProt Gene Name	LNPEP
UniProt Synonym Gene Names	OTASE; Cystinyl aminopeptidase; IRAP; OTase; P-LAP
UniProt Entry Name	LCAP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.