

Recombinant Human LAP3 Protein, His-tagged

Cat. No. LAP3-689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LAP3 (NP_056991.2) (Met1-Ala519) was expressed with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-519 a.a.
Predicted N Terminal	Met
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 20 % glycerol, pH 7.4, 5% ~ 8% trehalose and mannitol.
Molecular Mass	The recombinant human LAP3 consists 530 amino acids and predicts a molecular mass of 57.6 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name LAP3 leucine aminopeptidase 3 [Homo sapiens]

Official Symbol LAP3

Synonyms

LAP3; leucine aminopeptidase 3; PEPS, peptidase S; cytosol aminopeptidase; LAP; LAPEP; LAP-3; peptidase S; leucyl aminopeptidase; prolyl aminopeptidase; proline aminopeptidase; PEPS;

Gene ID 51056

mRNA Refseq NM_015907

Protein Refseq NP_056991

MIM 170250

UniProt ID P28838

Chromosome Location 4p15.33

Pathway

Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem;

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