

Lon protease homolog, mitochondrial (LONP1) Recombinant Protein | LONP1 recombinant protein

Recombinant Human Lon protease homolog, mitochondrial (LONP1) , partial

CATALOG #
AAA113482

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Lon protease homolog; mitochondrial (LONP1); Recombinant Human Lon protease homolog; partial; LONP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	124-368aa; Partial(Lon N-terminal Domain)
Sequence	LPLIAITRNP VFPRFIKIE VKNKKLVELL RRVRLAQPY VGVFLKRDDS NESDVVESLD EIYHTGTFAQ IHEMQDLGDK LRMIVMGHRR VHISRQLEVE PEEPEAENKH KPRRKSKRGK KEAEDELSAR HPAELAMEPT PELPAEVLNV EVENVVHEDF QVTEEVKALT AEIVKTIRDI IALNPLYRES VLQMMQAGQR VVDNPIYLSL MGAALTGAES HELQDVLEET NIPKRLYKAL SLLKK
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for LONP1 recombinant protein	This gene encodes a mitochondrial matrix protein in the Lon family of ATP-dependent proteases. A similar E. coli protein regulates gene expression by targeting specific regulatory proteins for degradation. This protein binds a specific sequence in the light and heavy chain promoters of the mitochondrial genome which are involved in regulation of DNA replication and transcription.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	451327634
NCBI GeneID	9361
NCBI Accession #	NP_001263408.1
NCBI GenBank Nucleotide #	NM_001276479.1
UniProt Accession #	P36776; P36777; Q8N8K8; Q9UQ95; B3KPH8; D6W635; E5KMH8; F5GZ27
Molecular Weight	85,642 Da
NCBI Official Full Name	lon protease homolog, mitochondrial isoform 2
NCBI Official Synonym Full Names	lon peptidase 1, mitochondrial
NCBI Official Symbol	LONP1
NCBI Official Synonym Symbols	LON; LONP; PIM1; hLON; LonHS; CODASS; PRSS15

NCBI Protein Information	Lon protease homolog, mitochondrial
UniProt Protein Name	Lon protease homolog, mitochondrial
UniProt Gene Name	LONP1
UniProt Synonym Gene Names	LONP

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.

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Online datasheet: <https://stage.aaabiotech.com/lonp1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113482>