Peptidyl-tRNA hydrolase Recombinant Protein | pth recombinant protein

Recombinant Escherichia coli Peptidyl-tRNA hydrolase

CATALOG #	HOST
AAA115126	**E Coli or Yeast or Baculovirus or Mammalian Cell**

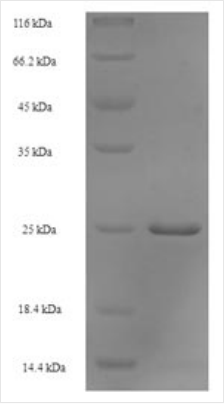
PRODUCT SYNONYMS

Peptidyl-tRNA hydrolase; Recombinant Escherichia coli Peptidyl-tRNA hydrolase; PTH; pth 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	1-194aa; Full Length Protein
Sequence	MTIKLIVGLA NPGAEYAATR HNAGAWFVDL LAERLRAPLR EEAKFFGYTS RVTLGGEDVR LLVPTTFMNL SGKAVAAMAS FFRINPDEIL VAHDELDLPP GVAKFKLGGG HGGHNGLKDI ISKLGNNPNF HRLRIGIGHP GDKNKVVGFV LGKPPVSEQK LIDEAIDEAA RCTEMWFTDG LTKATNRLHA FKAQ
Species	Escherichia coli (strain K12)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for pth recombinant protein	The natural substrate for this enzyme may be peptidyl-tRNAs which drop off the ribosome during protein synthesis. Involved in lambda inhibition of host protein synthesis. PTH activity may, directly or indirectly, be the target for lambda bar RNA leading to rap cell death.
References	"Peptidyl-tRNA hydrolase is involved in lambda inhibition of host protein synthesis." Garcia-Villegas M.R., de la Vega F.M., Galindo J.M., Segura M., Buckingham R.H., Guarneros G. EMBO J. 10:3549-3555(1991)

NCBI AND UNIPROT INFORMATION

NCBI GI #	16129167
NCBI GeneID	945765
NCBI Accession #	NP_415722.1
NCBI GenBank Nucleotide #	NC_000913.3
UniProt Accession #	P0A7D1; P23932
Molecular Weight	25.1 kDa
NCBI Official Full Name	peptidyl-tRNA hydrolase
NCBI Official Symbol	pth
NCBI Official Synonym Symbols	asuA?; ECK1192; JW1195; rap
NCBI Protein Information	peptidyl-tRNA hydrolase
UniProt Protein Name	Peptidyl-tRNA hydrolase
UniProt Gene Name	**pth**
UniProt Synonym Gene Names	PTH
UniProt Entry Name	PTH_ECOLI

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/pth-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115126