

## leucyl aminopeptidase Protein, Geobacillus kaustophilus (His)

Cat. No.:	HY-P702169
Synonyms:	pepA; Probable cytosol aminopeptidase; Leucine aminopeptidase; LAP; Leucyl aminopeptidase
Species:	Others
Source:	E. coli
Accession:	Q5KVQ4 (M1-D500)
Gene ID:	/
Molecular Weight:	

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	The leucyl aminopeptidase protein assumes a role in the presumed processing and regular turnover of intracellular proteins. Functionally, it catalyzes the removal of unsubstituted N-terminal amino acids from a variety of peptides, suggesting its involvement in the intricate mechanisms that govern the dynamics and maintenance of intracellular protein composition. The enzyme's capacity to cleave N-terminal residues underscores its potential significance in modulating the stability and functionality of specific peptides, contributing to cellular processes related to protein turnover and homeostasis.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA