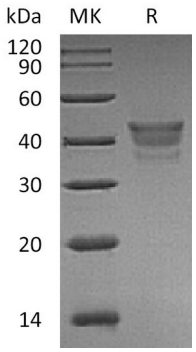
Product Name: Recombinant Human MetAP1
Catalog #: PEH1152

Summary

Name	Methionine Aminopeptidase 1
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Methionine Aminopeptidase 1 is produced by our E.coli expression system and the target gene encoding Met1-Phe386 is expressed.
Accession #	P53582
Host	E.coli
Species	Human
Predicted Molecular Mass	43.2 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM Glycine, 10% Sucrose, 10% Glycerol, 0.02% Tween80, pH3.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤ -70℃, stable for 6 months after receipt. Store at ≤ -70℃, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	Methionine aminopeptidase 1; MAP 1; MetAP 1; Peptidase M 1; METAP1
Background	Methionine Aminopeptidase 1 is a member of the M24 family of metalloproteases. METAP1 plays an important role in G(2)/M phase regulation of the cell cycle and

may serve as a promising target for the discovery and development of new anticancer agents. METAP1 and METAP2 have different substrate specificity due to the differences in both size and shape of the active sites. The proteolytic removal of N-terminal methionine from nascent peptides is catalyzed by a family of enzymes known as methionine aminopeptidases (MetAPs) and is essential for cell growth. Inhibition of METAPs provides a novel strategy in developing anti-cancer drugs.

Note

For Research Use Only , Not for Diagnostic Use.