

## Product datasheet for **TP727590**

### Methionyl Aminopeptidase 1 (METAP1) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Methionine Aminopeptidase 1
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Phe386
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 500mM NaCl, 10% Glycerol, pH 8.0 .
Note:	Recombinant Human Methionine Aminopeptidase 1 is produced by our E.coli expression system and the target gene encoding Met1-Phe386 is expressed.
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	12 months from date of despatch
Locus ID:	23173
UniProt ID:	<a href="#">P53582</a>
Synonyms:	Methionine aminopeptidase 1; MAP 1; MetAP 1; Peptidase M 1; METAP1
Summary:	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.
Protein Families:	Druggable Genome



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