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Datasheet for ABIN7319523 METAP1 Protein



Overview

Quantity:	50 µg
Target:	METAP1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human METAP1 Protein
Sequence:	Met1-Phe386
Characteristics:	Recombinant Human METAP1 is produced by our E.coli expression system and the target gene encoding Met1-Phe386 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per μ g as determined by the LAL method.

Target Details

Target:	METAP1
Alternative Name:	METAP1 (METAP1 Products)
Background:	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

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	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. Synonym: Methionine aminopeptidase 1, MAP 1, MetAP 1, Peptidase M 1, METAP1,MAP1A,MetAP1A
Molecular Weight:	43.2 kDa
UniProt:	P53582
Pathways:	Regulation of G-Protein Coupled Receptor Protein Signaling
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 μm filtered solution of 20 mM Tris,500 mM NaCl,10 % glycerol, pH 8.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.