



# Recombinant Human Methionine aminopeptidase 2 (METAP2)

<b>Product Code</b>	CSB-MP013716HU
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	P50579
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	AGVEEVAASGSHLNGDLDPDDREEGAASTAEAAKKKRRKKKKSKGPSAAGE QEPDKESGASVDEVARQLERSALEDKERDEDEDGDDGDDGATGKKKKKKK KKRGPKVQTDPPSVPICDLYPNGVFPKGQECEYPPTQDGRTAAWRTTSEEKK ALDQASEEIWNDFREAAEAHRQVRKYVMSWIKPGMTMIEICEKLEDCSRKLIK ENGLNAGLAFPTGCSLNNCAAHYTPNAGDTTVLQYDDICKIDFGTHISGRIIDC AFTVTFNPKYDTLLKAVKDATNTGIKCAGIDVRLCDVGEAIQEVMESEYEVEIDG KTYQVKPIRNLNGHSIGQYRIHAGKTVPIVKGGEATRMEEGEVYAIETFGSTGK GVVHDDMECSHYMKNFDVGHVPIRLPRTKHLLNVINENFGTLAFCRRWLDRL GESKYLMAKLNLCDLGIVDPYPPLCDIKGSYTAQFEHTILLRPTCKEVVSRGDD Y
<b>Research Area</b>	Metabolism
<b>Source</b>	Mammalian cell
<b>Target Names</b>	METAP2
<b>Protein Names</b>	Recommended name: Methionine aminopeptidase 2 Short name= MAP 2 Short name= MetAP 2 EC= 3.4.11.18 Alternative name(s): Initiation factor 2-associated 67 kDa glycoprotein Peptidase M 2 p67eIF2 Short name= p67
<b>Expression Region</b>	2-478aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This gene is a member of the methionyl aminopeptidase family and encodes a protein that binds 2 cobalt or manganese ions. This protein functions both by protecting the alpha subunit of eukaryotic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionine residue from nascent protein. Increased expression of this gene is associated with various forms of cancer and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly binding to its active site. A pseudogene of this gene is



located on chromosome 2.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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