

Recombinant Human METAP2 protein, HA-tagged

Cat. No. METAP2-630H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human METAP2(aa 1-478) fused with hemagglutinin (HA) tag (YPYDVDPDYA) at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-478 a.a.
Description	MetAP2 is a metalloenzyme that catalyzes removal of the N-terminal methionine from proteins, with the physiologically relevant metal thought to be either cobalt or manganese. Since it was identified as the target of the anti-angiogenic natural product fumagilin (Prod. No. BML-CT100), it has been studied for its involvement in cancer, angiogenesis, inflammation, and rheumatoid arthritis. Because of differing substrate specificities and kinetics it is not desirable to substitute bacterial methionine aminopeptidase for mammalian MetAP2.
Form	Liquid. In 20mM HEPES, pH 7.3, containing 150mM sodium chloride, 10% glycerol, 0.02% sodium azide, and 0.1mM CoCl ₂ .
Molecular Mass	~70kDa
Purity	≥95% (SDS-PAGE)
Stability	Stable for at least 6 months after receipt when stored at -80 centigrade.

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Storage Long Term Storage: -80 centigrade; Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -80 centigrade.

GENE INFORMATION

Gene Name METAP2 methionyl aminopeptidase 2 [Homo sapiens]

Official Symbol METAP2

Synonyms METAP2; methionyl aminopeptidase 2; methionine aminopeptidase 2; MAP2; MNPEP; p67; Peptidase M; MAP 2; metAP 2; peptidase M 2; eIF-2-associated p67 homolog; initiation factor 2-associated 67 kDa glycoprotein; p67eIF2;

Gene ID 10988

mRNA Refseq NM_006838

Protein Refseq NP_006829

MIM 601870

UniProt ID P50579

Chromosome Location 12q22

Function aminopeptidase activity; metal ion binding; metalloexopeptidase activity; peptidase activity;

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