MetAP2 (human), (recombinant) (HA-tag)

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.

Ordering Information

Order Online »

BML-SE569-0010	10µg

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	Stable for at least 6 months after receipt when stored at -80°C.
Handling	Avoid freeze/thaw cycles. After opening, prepare aliquots and store at -80°C.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Methionine aminopeptidase 2, p67eIF2, Eukaryotic initiation factor 2-associated protein
Formulation	Liquid. In 20mM HEPES, pH 7.3, containing 0.1M KCl, 1mM $CoCl_2$, 1.5mM $MgCl_2$, 0.02% sodium azide and 10% glycerol.
MW	~70kDa
Purity	≥95% (SDS-PAGE)
Purity Detail	Purified by chromatography
Source	Produced in insect cells. Recombinant, full-length (aa 1-478) methionine aminopeptidase 2 with an N-terminal hemagglutinin (HA) tag (YPYDVPDYA), cloned from human cDNA. Produced in a baculovirus expression system.
UniProt ID	P50579

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