

Recombinant Full Length Human MTAP Protein, GST-tagged

Cat. No. MTAP-6481HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MTAP full-length ORF (AAH26106, 1 a.a. - 283 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	283 amino acids
Description	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important for the salvage of both adenine and methionine. The encoded enzyme is deficient in many cancers because this gene and the tumor suppressor p16 gene are co-deleted. Multiple alternatively spliced transcript variants have been described for this gene, but their full-length natures remain unknown. [provided by RefSeq
Molecular Mass	56.87 kDa
AA Sequence	MASGTTTTAVKIGIIGGTGLDDPEILEGRTEKYVDTPFGKPSDALILGKIKNVDCILLAR HGRQHTIMPSKVNYQANIWALKEEGCTHVIVTTACGSLREEIQPGDIVIIDQFIDRTTM RPQSFYDGS HSCARGVCHIPMAEPFCPKTREVLIETAKKLGLRCHSKGTMVTIEGPR FSSRAESFMFRTWGADVIMTTVPEVVLAKEAGICYASIAMATDYDCWKEHEEAVS VDRV LKTLKENANKAKSLLLTTIPQIGSTEWSETLHNLKNMAQFSVLLPRH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	MTAP methylthioadenosine phosphorylase [Homo sapiens]
Official Symbol	MTAP
Synonyms	MTAP; methylthioadenosine phosphorylase; S-methyl-5-thioadenosine phosphorylase; c86fus; MSAP; MTAPase; MTA phosphorylase; MeSAdo phosphorylase; 5-methylthioadenosine phosphorylase;
Gene ID	4507
mRNA Refseq	NM_002451
Protein Refseq	NP_002442
MIM	156540
UniProt ID	Q13126

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