Recombinant Human MTAP, GST-tagged

Cat. No. MTAP-29502TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTAP, fused with GST-tag at N-terminal, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2 to 283
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.
Form	Liquid. 10% Glycerol, 0.05% Tween 20, 3mM DTT, 25mM Tris HCl, 100mM Sodium chloride, pH 8.0.
Molecular Mass	57 kDa
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	MTAP methylthioadenosine phosphorylase [Homo sapiens (human)]

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Official Symbol	MTAP
Synonyms	MTAP; BDMF; MSAP; DMSFH; LGMBF; DMSMFH; c86fus; HEL-249; methylthioadenosine phosphorylase; S-methyl-5'-thioadenosine phosphorylase; MTAPase; MTA phosphorylase; MeSAdo phosphorylase; epididymis luminal protein 249; 5'-methylthioadenosine phosphorylase; NP_002442.2; EC 2.4.2.28
Gene ID	4507
mRNA Refseq	NM_002451
Protein Refseq	NP_002442
MIM	156540
UniProt ID	Q13126
Chromosome Location	9p21
Pathway	Cysteine and methionine metabolism; Metabolism; Methionine salvage pathway
Function	S-methyl-5-thioadenosine phosphorylase activity; phosphorylase activity

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