Recombinant Human MTAP Protein, His-tagged

Cat. No. MTAP-386H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MTAP(Lys11~Pro256) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys11~Pro256
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	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	30.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA