

Recombinant Full Length Human MTAP Protein, C-Flag-tagged

Cat. No. MTAP-405HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MTAP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	31.1 kDa
AA Sequence	MASGTTTTAVKIGIIGGTGLDDPEILEGRTEKYVDTFPGKPSDALILGKIKNVDCILLAR HGRQHTIMPS KVNYQANIWALKEEGCTHVIVTTACGSLREEIQPGDIVIIDQFIDRTT MRPQSFYDGS HSCARGVCHIPM AEPFCPKTREVLIETAKKLGLRCHSKGTMVTIEG PRFSSRAESFMFRTWGADVINMTTVPEVVLAKEAGI CYASIAMATDYDCWKEHEEA VSVDRV LKTLKENANKAKSLLLTTIPQIGSTEWSETLHNLKNMAQFSVLL PRHTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 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	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Cysteine and methionine metabolism, Metabolic pathways
Full Length	Full L.

GENE INFORMATION

Gene Name	MTAP methylthioadenosine phosphorylase [Homo sapiens (human)]
Official Symbol	MTAP
Synonyms	BDMF; MSAP; DMSFH; LGMBF; DMSMFH; c86fus; HEL-249
Gene ID	4507
mRNA Refseq	NM_002451.4
Protein Refseq	NP_002442.2
MIM	156540

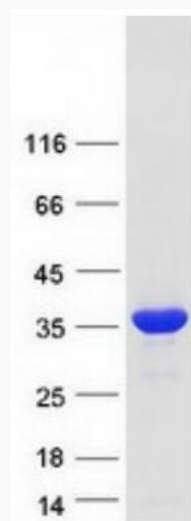
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

UniProt ID

Q13126



Coomassie blue staining of purified MTAP 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