

## Product datasheet for **TP306024L**

### MTAP (NM\_002451) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human methylthioadenosine phosphorylase (MTAP), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC206024 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MASGTTTTAVKIGIIGGTGLDDPEILEGRTEKYVDTPFGKPSDALILGKIKNVDCILLARHGRQHTIMPS  
KVNYQANIWALKEEGCTHVIVTTACGSLREEIQPGDIVIIDQFIDRTTMRPQSFYDGSWSCARGVCHIPM  
AEPFCPKTREVLIETAKKLGRLRCHSKGTMVTIEGPRFSSRAESFMFRTWGADVINMTTVPEVVLAKEAGI  
CYASIAMATDYDCWKEHEEAVSVDRVLKTLKENANKAKSLLLTIPQIGSTEWSETLHNLKNMAQFSVLL  
PRH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 31.1 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_002442](#)

**Locus ID:** 4507



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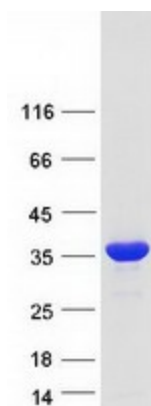
UniProt ID: [Q13126](#), [A0A384ME80](#)  
RefSeq Size: 4937  
Cytogenetics: 9p21.3  
RefSeq ORF: 849  
Synonyms: BDMF; c86fus; DMSFH; DMSMFH; HEL-249; LGMBF; MSAP

**Summary:** 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, Jul 2008]

**Protein Families:** Druggable Genome

**Protein Pathways:** Cysteine and methionine metabolism, Metabolic pathways

### Product images:



Coomassie blue staining of purified MTAP protein (Cat# [TP306024]). The protein was produced from HEK293T cells transfected with MTAP cDNA clone (Cat# [RC206024]) using MegaTran 2.0 (Cat# [TT210002]).