

Human MTAP Knockdown Cell Lysate

Cat. No. MTAP-248HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated MTAP Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes an enzyme that plays a major role in polyamine metabolism and is important for the salvage pathway of both adenine and methionine. The encoded enzyme is deficient in many cancers. Multiple alternatively spliced transcript variants have been described for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	31 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg MTAP KD HeLa cell lysate
Protein Families	Druggable Genome
Protein Pathways	Cysteine and methionine metabolism, Metabolic pathways
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

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