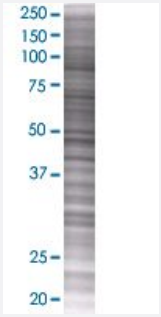
METAP2 293T Cell Transient Overexpression Lysate(Denatured)

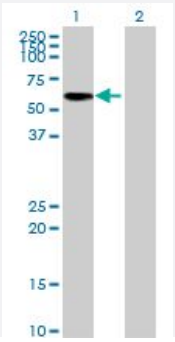
Catalog # H00010988-T01 Size 100 uL

Applications



SDS-PAGE Gel

METAP2 transfected lysate.



Western Blot

Lane 1: METAP2 transfected lysate (52.9 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-METAP2 full-length
Host	Human
Theoretical MW (kDa)	52.9
Interspecies Antigen Sequence	Mouse (94); Rat (93)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-METAP2 antibody (H00010988-B01) by W estern Blots. SDS-PAGE Gel METAP2 transfected lysate. Western Blot Lane 1: METAP2 transfected lysate (52.9 KDa) Lane 2: Non-transfected lysate.
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — METAP2

Entrez GeneID	10988
GeneBank Accession#	NM_006838
Protein Accession#	NP_006829
Gene Name	METAP2
Gene Alias	MAP2, MNPEP, p67, p67eIF2
Gene Description	methionyl aminopeptidase 2
Omim ID	601870
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the methionyl aminopeptidase family and encodes a protein that binds 2 cobalt or manganese ions. This protein functions both by protecting the alpha subunit of eukaryo tic initiation factor 2 from inhibitory phosphorylation and by removing the amino-terminal methionin e residue from nascent protein. Increased expression of this gene is associated with various form s of cancer and the anti-cancer drugs fumagillin and ovalicin inhibit the protein by irreversibly bindi ng to its active site. A pseudogene of this gene is located on chromosome 2. [provided by RefSe q
Other Designations	eIF-2-associated p67 homolog|initiation factor 2-associated 67 kDa glycoprotein|peptidase M 2

Disease

- Genetic Predisposition to Disease
- Lung Neoplasms