

## Product datasheet for TP304376M

### NUDT18 (NM\_024815) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human nudix (nucleoside diphosphate linked moiety X)-type motif 18 (NUDT18)
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204376 representing NM_024815 Red=Cloning site Green=Tags(s)

MASEGLAGALASVLAGQGSSVHSCDSAPAGEPPAPVRLRKNVCYVVLAVFLSEQDEVLLIQEAKRECRGS  
WYLPAGRMPEGETIVEALQREVKEEAGLHCEPETLLSVEERGPSWVRFVFLARPTGGILKTSKEADAESL  
QAAWYPRTSLPTPLRAHDILHLVELAAQYRQARHPLILPQELPCDLVCQRLVATFTSAQTVMVLVGTG  
MPHLPVTACGLDPMEQRGGMKMAVLRLLQECLTLHHLVVEIKGLLGLQHLGRDHS DGICLNVLVTVAFRS  
PGIQDEPPKVRGENFSWWKVM EEDLQSQLLQRLQGSSVVPVNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	35.3 kDa
Concentration:	>50 ug/mL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Applications:	Cell culture: For 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:	<u><a href="#">NP_079091</a></u>
Locus ID:	79873



[View online »](#)

UniProt ID: [Q6ZVK8](#)

RefSeq Size: 1519

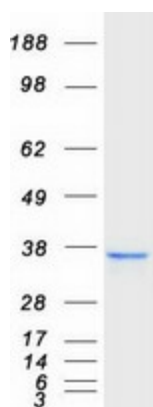
Cytogenetics: 8p21.3

RefSeq ORF: 969

Synonyms: MTH3

**Summary:** The protein encoded by this gene is a member of the Nudix hydrolase family. Nudix hydrolases eliminate potentially toxic nucleotide metabolites from the cell and regulate the concentrations and availability of many different nucleotide substrates, cofactors, and signaling molecules. This protein contains a Nudix hydrolase domain and hydrolyzes oxidized forms of guanosine and deoxyguanosine diphosphates. [provided by RefSeq, Sep 2012]

### Product images:



Coomassie blue staining of purified NUDT18 protein (Cat# [TP304376]). The protein was produced from HEK293T cells transfected with NUDT18 cDNA clone (Cat# [RC204376]) using MegaTran 2.0 (Cat# [TT210002]).