

Product datasheet for TP304376

OriGene Technologies, Inc.

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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), 20 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC204376 representing NM_024815

or AA Sequence: Red=Cloning site Green=Tags(s)

MASEGLAGALASVLAGQGSSVHSCDSAPAGEPPAPVRLRKNVCYVVLAVFLSEQDEVLLIQEAKRECRGS WYLPAGRMEPGETIVEALQREVKEEAGLHCEPETLLSVEERGPSWVRFVFLARPTGGILKTSKEADAESL QAAWYPRTSLPTPLRAHDILHLVELAAQYRQQARHPLILPQELPCDLVCQRLVATFTSAQTVWVLVGTVG MPHLPVTACGLDPMEQRGGMKMAVLRLLQECLTLHHLVVEIKGLLGLQHLGRDHSDGICLNVLVTVAFR

S

PGIQDEPPKVRGENFSWWKVMEEDLQSQLLQRLQGSSVVPVNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 35.3 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 079091



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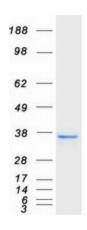
Locus ID: 79873

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]).