

Product datasheet for PH304376

OriGene Technologies, Inc.

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NUDT18 (NM 024815) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: NUDT18 MS Standard C13 and N15-labeled recombinant protein (NP_079091)

Species: Human **HEK293 Expression Host: Expression cDNA Clone**

or AA Sequence:

RC204376

Predicted MW: 35.3 kDa

>RC204376 representing NM_024815 **Protein Sequence:**

Red=Cloning site Green=Tags(s)

MASEGLAGALASVLAGQGSSVHSCDSAPAGEPPAPVRLRKNVCYVVLAVFLSEQDEVLLIQEAKRECRGS WYLPAGRMEPGETIVEALQREVKEEAGLHCEPETLLSVEERGPSWVRFVFLARPTGGILKTSKEADAESL QAAWYPRTSLPTPLRAHDILHLVELAAQYRQQARHPLILPQELPCDLVCQRLVATFTSAQTVWVLVGTVG MPHLPVTACGLDPMEQRGGMKMAVLRLLQECLTLHHLVVEIKGLLGLQHLGRDHSDGICLNVLVTVAFRS

PGIQDEPPKVRGENFSWWKVMEEDLQSQLLQRLQGSSVVPVNR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

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

Labeling Method: Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Store at -80°C. Avoid repeated freeze-thaw cycles. Storage:

Stability: Stable for 3 months from receipt of products under proper storage and handling conditions.

NP 079091 RefSeq:

RefSeq Size: 1519 RefSeq ORF: 969 Synonyms: MTH3 79873 Locus ID:



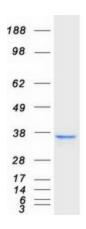
UniProt ID: Q6ZVK8

Cytogenetics: 8p21.3

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]).