

Product datasheet for **TP322894M**

NUDT9 (NM_024047) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human nudix (nucleoside diphosphate linked moiety X)-type motif 9 (NUDT9), transcript variant 1, 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC222894 representing NM_024047
Red=Cloning site **Green**=Tags(s)

MAGRLLGKALAAVLSLALASVTIRSSRCRGIQAFRNSFSSSWFHLNTNVMMSGNNGSKENSHNKARTSPY
PGSKVERSQVPNEKVGWLVWQDYKPVEYTAHSVLAGPRWADPQISESNFSPKFNEKDGHVVERKSKNGLY
EIENGRPRNPAGRTGLVGRLLGRWGPNAADPIITRWKRDSGKIMHPVSGKHILQFVAIKRKDCGEW
AIPGGMVDPGEKISATLKREFGEEALNSLQKTSAEKREIEEKLHKLFSQDHLVIYKGYVDDPRNTDNAWM
ETEAVNYHDETGEIMDNLMLEAGDDAGKVKWVDINDKLLYASHSQFIKLVAEKRDAHWSSEDSEADCHAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 38.9 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_076952](#)

Locus ID: 53343



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UniProt ID: [Q9BW91](#), [Q96KB3](#)

RefSeq Size: 1716

Cytogenetics: 4q22.1

RefSeq ORF: 1050

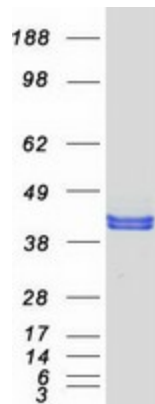
Synonyms: NUDT10

Summary: The protein encoded by this gene belongs to the Nudix hydrolase family. Nudix boxes are found in a family of diverse enzymes that catalyze the hydrolysis of nucleoside diphosphate derivatives. This enzyme is an ADP-ribose pyrophosphatase that catalyzes the hydrolysis of ADP-ribose to AMP and ribose-5-P. It requires divalent metal ions and an intact Nudix motif for enzymatic activity. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

Protein Families: Druggable Genome, Ion Channels: Other

Protein Pathways: Purine metabolism

Product images:



Coomassie blue staining of purified NUDT9 protein (Cat# [TP322894]). The protein was produced from HEK293T cells transfected with NUDT9 cDNA clone (Cat# [RC222894]) using MegaTran 2.0 (Cat# [TT210002]).