

Product datasheet for TP300952

NUDT9 (NM_198038) 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 3, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200952 protein sequence Red=Cloning site Green=Tags(s)

MAGRLLGKALAAVLSLALASVTIRSSRCRGIQAFRNSFSSSWFHLNTNVMSGNNGSKENSHNKARTSPY
PGSKVERSQVPNEKVGWLVWQDYKPVEYTAHSVLAGPRWADPQISESNFSPKFNEKDGHVVERKSKNGLY
EIENGRPRNPAGRTGLVGRLLGRWGPNAADPIITRWKRDSSGNKIMHPVSGKHILQFVAIKRKDCGEW
AIPGGMVDPGEKISATLKREFGEEALNSLQKTSAEKREIEEKLHKLFSQDHLVIYKGYVDDPRNTDNAWM
ETEAVNYHDETGEIMDNLMLEAGDDAGKVKWVDINDKLLYASHSQFIKLVAEKRDAHWSSEADCHAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	33.6 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_932155
Locus ID:	53343



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UniProt ID: [Q9BW91](#), [Q8NG26](#)

RefSeq Size: 2458

Cytogenetics: 4q22.1

RefSeq ORF: 1053

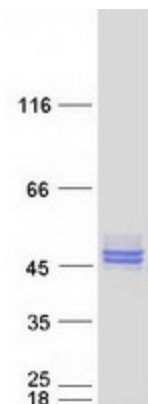
Synonyms: NUDT10

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# TP300952). The protein was produced from HEK293T cells transfected with NUDT9 cDNA clone (Cat# [RC200952]) using MegaTran 2.0 (Cat# [TT210002]).