

Product datasheet for PH300952

NUDT9 (NM_198038) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUDT9 MS Standard C13 and N15-labeled recombinant protein (NP_932155)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200952
Predicted MW:	39.1 kDa
Protein Sequence:	>RC200952 protein sequence Red=Cloning site Green=Tags(s)

MAGRLLGKALAAVSLSLALASVTIRSSRCRGIQAFRNSFSSSWFHLNTNVMSGNSGSKENSHNKARTSPY
PGSKVERSQVPNEKVGWLVWQDYKPVVEYTAVSFLAGPRWADPQISESNFSPKFNEKDGHVERKSKNGLY
EIEENGRPRNPAGRTGLVGRGLLGRWGNHAADPIITRWKRDSSGNKIMHPVSGKHILQFVAIKRKDCGEW
AIPGGMVDPGEKISATLKREFGEEALNSLQKTSAEKREIEEKLHKLFSQDHLVIYKGYVDDPRNTDNAWM
ETEAVNYHDETGEIMDNLMLEAGDDAGVKVWVDINDKLLKLYASHSQFIKLVAEKRDAHSEADSEADCHAL

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_932155
RefSeq Size:	2458
RefSeq ORF:	1053
Synonyms:	NUDT10
Locus ID:	53343



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UniProt ID: [Q9BW91, Q8NG26](#)

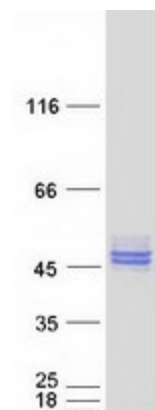
Cytogenetics: 4q22.1

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]).