

Product datasheet for PH322894

NUDT9 (NM_024047) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUDT9 MS Standard C13 and N15-labeled recombinant protein (NP_076952)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222894
Predicted MW:	38.9 kDa
Protein Sequence:	>RC222894 representing NM_024047 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:	<u>NP_076952</u>
RefSeq Size:	1716
RefSeq ORF:	1050
Synonyms:	NUDT10
Locus ID:	53343



[View online »](#)

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

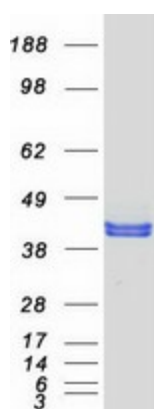
Cytogenetics: 4q22.1

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