

## Product datasheet for **TP322894**

### **NUDT9 (NM\_024047) Human Recombinant Protein**

#### **Product data:**

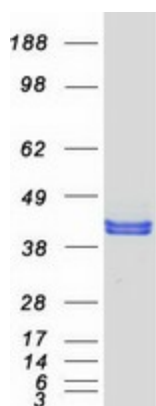
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human nudix (nucleoside diphosphate linked moiety X)-type motif 9 (NUDT9), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC222894 representing NM_024047 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MAGRLLGKALAAVLSLALASVTIRSSRCRGIQAFRNSFSSSWFHLNTNVMMSGNNGSKENSHNKARTSPY PGSKVERSQVPNEKVGWLVWQDYKPVEYTA VSVLAGPRWADPQISESNFSPKFNEKDG HVERKSKNGL Y EIENGRPRNPAGRTGLVGRGLLGRWGP NHAADPIITRWKR DSSGNKIMHPVSGKHILQFVAIKRKDCGE W AIPGGMVDPGEKISATLKREFGEEALNSLQK TSAEKREIEEKLHKLFSQDHLVIYKGYVDDPRNTD NAWM ETEAVNYHDETGEIMDNLMLEAGDDAGKV KWDINDKCLKLYASHSQFIKLVAEKRDAHWSE DSEADCHA L  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	38.9 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_076952</a>
<b>Locus ID:</b>	53343
<b>UniProt ID:</b>	<a href="#">Q9BW91</a>
<b>RefSeq Size:</b>	1716
<b>Cytogenetics:</b>	4q22.1
<b>RefSeq ORF:</b>	1050
<b>Synonyms:</b>	NUDT10
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome, Ion Channels: Other
<b>Protein Pathways:</b>	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]).