

Product datasheet for PH323356

NUDT13 (NM_015901) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	NUDT13 MS Standard C13 and N15-labeled recombinant protein (NP_056985)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223356
Predicted MW:	39.5 kDa
Protein Sequence:	>RC223356 representing NM_015901 Red =Cloning site Green =Tags(s)

MSLYCGIACRRKFFWCYRLLSTYVTKTRYLFELKEDDDACKKAQQTGAFYLFHSLAPLLQTSAHQYLAPR
 HSLLELERLLGKFGQDAQRIEDSVLIGCSEQQEAWFALDLGLDSSFISASLHKPEMETELKGSFIELRK
 ALFQLNARDASLLSTAQALLRWDAHQFCRSQGQPTKKNVAGSKRVCPSSNNIIYYPQMAPVAITLVSDGT
 RCLLARQSSFPKGMYSALAGFCDIGESVEETIRREVAEEVGLEVESLQYYASQHWPFPSGLMIACHATV
 KPGQTEIQVNLRELETAAWFSHDEVATALKRKGPyTQQNGTFFFWLPPKLAISHQLIKEWVEKQTCSSL
 PA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

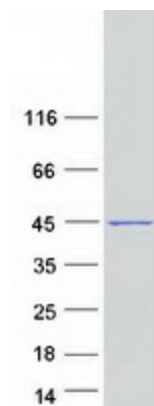
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_056985</u>
RefSeq Size:	2120
RefSeq ORF:	1056
Locus ID:	25961
UniProt ID:	<u>Q86X67</u>


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Cytogenetics: 10q22.2

Summary: NAD(P)H pyrophosphatase that hydrolyzes NADH into NMNH and AMP, and NADPH into NMNH and 2',5'-ADP. Has a marked preference for the reduced pyridine nucleotides. Does not show activity toward NAD-capped RNAs; the NAD-cap is an atypical cap present at the 5'-end of some RNAs.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified NUDT13 protein (Cat# [TP323356]). The protein was produced from HEK293T cells transfected with NUDT13 cDNA clone (Cat# [RC223356]) using MegaTran 2.0 (Cat# [TT210002]).