

## Product datasheet for PH325574

### NUDT19 (NM\_001105570) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	NUDT19 MS Standard C13 and N15-labeled recombinant protein (NP_001099040)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC225574
Predicted MW:	42.1 kDa
Protein Sequence:	>RC225574 representing NM_001105570 Red=Cloning site Green=Tags(s)  MSSSLRPGPSRWRAASIVLAAGWSRPETATPPSRPPPAEGFRLLLLQRSPHQGFMPGAHVFSGGVLDAA DRSADWLG L FAPHHGPPRFGLGPAPFSRTAFPSLPDTHDKTDNTGTLPEVAFRICA VREAFEEAGVLL LRPRTSPPGPAGPGLALEPPPGLASWRDRVRQDPRHFLRLCAHLDCTPDIWALHNWSAWLTPFLRGTTTR RFDTAFFLCCLREPPPVYDLAEVVG YQWSSPSEATESFLSKEIWLPPQFYEVRRLANFASLSDLHKFC LGRALEGLERWLP I ILLTADGMVHLLPGDEL YLESDFLENLMSTEEKTEEIMKEGKQFHRIVTYHRHLY DIHVTVQPKYKHVYPKNSVVRKSHL  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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_001099040</u>
RefSeq ORF:	1125
Synonyms:	RP2
Locus ID:	390916
UniProt ID:	<u>A8MXV4</u>

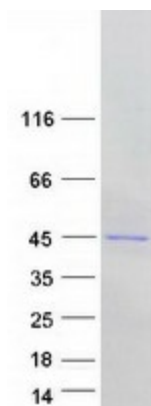


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Cytogenetics: 19q13.11

Summary: Coenzyme A diphosphatase that mediates the hydrolysis of a wide range of CoA esters, including choloyl-CoA and branched-chain fatty-acyl-CoA esters. At low substrate concentrations medium and long-chain fatty-acyl-CoA esters are the primary substrates (By similarity).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified NUDT19 protein (Cat# [TP325574]). The protein was produced from HEK293T cells transfected with NUDT19 cDNA clone (Cat# [RC225574]) using MegaTran 2.0 (Cat# [TT210002]).