

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 <mark>Red=</mark> Cloning site Green=Tags(s)
	MSSSLRPGPSRWRRAASIVLAAGWSRPETATPPSRPPPAEGFRLLLLQRSPHQGFMPGAHVFSGGVLDAA DRSADWLGLFAPHHGPPRFGLGPAPFSRTAFPSLPDTDDHKTDNTGTLPEDVAFRICAVREAFEEAGVLL LRPRTSPPGPAPGPGLALEPPPGLASWRDRVRQDPRHFLRLCAHLDCTPDIWALHNWSAWLTPFLRGTTR RFDTAFFLCCLREPPPVYPDLAEVVGYQWSSPSEATESFLSKEIWLPPPQFYEVRRLANFASLSDLHKFC LGRALEGLERWLPIILLTADGMVHLLPGDELYLEDSDFLENLMSTEKKTEEIMKEGKQFHRIVTYHRHLY DIHVTVQPKYKHVYPKNSVVRKSHL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Tag: Purity:	C-Myc/DDK > 80% as determined by SDS-PAGE and Coomassie blue staining
-	
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Purity: Concentration:	> 80% as determined by SDS-PAGE and Coomassie blue staining >0.05 μg/μL as determined by microplate BCA method
Purity: Concentration: Labeling Method:	> 80% as determined by SDS-PAGE and Coomassie blue staining >0.05 μg/μL as determined by microplate BCA method Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Purity: Concentration: Labeling Method: Buffer:	 > 80% as determined by SDS-PAGE and Coomassie blue staining >0.05 μg/μL as determined by microplate BCA method Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine 25 mM Tris-HCl, 100 mM glycine, pH 7.3
Purity: Concentration: Labeling Method: Buffer: Storage:	 > 80% as determined by SDS-PAGE and Coomassie blue staining >0.05 μg/μL as determined by microplate BCA method Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine 25 mM Tris-HCl, 100 mM glycine, pH 7.3 Store at -80°C. Avoid repeated freeze-thaw cycles.
Purity: Concentration: Labeling Method: Buffer: Storage: Stability:	 > 80% as determined by SDS-PAGE and Coomassie blue staining > 0.05 µg/µL as determined by microplate BCA method Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine 25 mM Tris-HCl, 100 mM glycine, pH 7.3 Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Purity: Concentration: Labeling Method: Buffer: Storage: Stability: RefSeq:	 > 80% as determined by SDS-PAGE and Coomassie blue staining > 0.05 µg/µL as determined by microplate BCA method Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine 25 mM Tris-HCl, 100 mM glycine, pH 7.3 Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions. <u>NP 001099040</u>
Purity: Concentration: Labeling Method: Buffer: Storage: Stability: RefSeq: RefSeq ORF:	 > 80% as determined by SDS-PAGE and Coomassie blue staining > 0.05 µg/µL as determined by microplate BCA method Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine 25 mM Tris-HCl, 100 mM glycine, pH 7.3 Store at -80°C. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions. <u>NP 001099040</u> 1125



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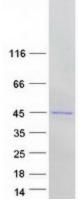
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Cytogenetics:	19q13.11	

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]).

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