

Product datasheet for PH324818

ENPP3 (NM_005021) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ENPP3 MS Standard C13 and N15-labeled recombinant protein (NP_005012)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224818
Predicted MW:	99.9 kDa
Protein Sequence:	>RC224818 representing NM_005021 Red=Cloning site Green=Tags(s)

MESTLTLATEQPVKNTLKKYKIACIVLLALLVIMSLGLGLGLRLEKQGSCRKCFDASFRGLENCR
CDVACKDRGDCCWDFEDTCVESTRIWMCNKFRGETRLEASLCSDDCLQRKDCADYKSVQGETSWL
EENCDTAQQSQCEGFDLPPVILFSMDGFRAEYLTYWDTLKPINLKTCTGHSKYMAMYPTKTFPNHY
TIVTGLYPESHGIIIDNNMYDVNLNKNFSLSSKEQNNPAWWHGQPMWL TAMYQGLKAATYFWPGSEVAING
SFPSIYMPYNGSVPFEEIRSTLLKWLDPKAERPRFYTMFEEDSSGHAGGPVSARVIKALQVVDHAFG
MLMEGLKQRNLHNCVNIILLADHGMDQTYCNKMEYMTDYFPRINFFYMEGPAPRIRAHNIPHDFSFNS
EEIVRNLSCRKPDQHFQPYLTPDLPKRLHYAKNVRIDKVHLFVDQQLAVRSKSNNTCCGGNHGYNNEFR
SMEAIFLAHGPSFKEKTEVEPFENIEVYNLMCDLLRIQPAPNNGTHGSLNHLKVPFYEP SHAEVSKFS
VCGFANPLPTESLDCFCPHLQNSTQLEQVQMLNLTQEEITATVKVNL PFGPRV LQKNVDHCLLYHREY
VSGFGKAMRMPMWSYTPQLGDTSPPTVPDCLRADVRVPPSESQKCSFYLADKNITHGFLYPPASN
TSDSQYDALITSNLVPMYEEFRKMWDYFHSVLLIKHATERNGVNVVSGPIFDYNYDGHFDAPDEITKHLA
NTDVP IPTHYFVVL TSCKNKSHTPENC PGWLDVLPFIIPHRPTNVE SCPEGKPEALWVEERF TAHIARVR
DVELLTGLDFYQDKVQPVSEILQLKTYLPTFETTI

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- 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.



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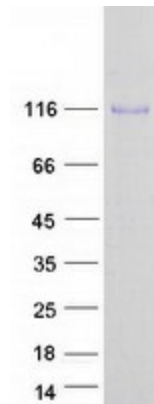
RefSeq:	NP_005012
RefSeq Size:	2794
RefSeq ORF:	2625
Synonyms:	B10; CD203c; NPP3; PD-IBETA; PDNP3
Locus ID:	5169
UniProt ID:	O14638
Cytogenetics:	6q23.2

Summary: The protein encoded by this gene belongs to a series of ectoenzymes that are involved in hydrolysis of extracellular nucleotides. These ectoenzymes possess ATPase and ATP pyrophosphatase activities and are type II transmembrane proteins. Expression of the related rat mRNA has been found in a subset of immature glial cells and in the alimentary tract. The corresponding rat protein has been detected in the pancreas, small intestine, colon, and liver. The human mRNA is expressed in glioma cells, prostate, and uterus. Expression of the human protein has been detected in uterus, basophils, and mast cells. Two transcript variants, one protein coding and the other non-protein coding, have been found for this gene. [provided by RefSeq, Oct 2015]

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Metabolic pathways, Nicotinate and nicotinamide metabolism, Pantothenate and CoA biosynthesis, Purine metabolism, Riboflavin metabolism, Starch and sucrose metabolism

Product images:



Coomassie blue staining of purified ENPP3 protein (Cat# [TP324818]). The protein was produced from HEK293T cells transfected with ENPP3 cDNA clone (Cat# [RC224818]) using MegaTran 2.0 (Cat# [TT210002]).