

Product datasheet for PH309577

PNPLA3 (NM_025225) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PNPLA3 MS Standard C13 and N15-labeled recombinant protein (NP_079501)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209577
Predicted MW:	52.8 kDa
Protein Sequence:	>RC209577 protein sequence Red =Cloning site Green =Tags(s)

MYDAERGWLSFAGCGFLGFYHVGATRCLSEHAPHLLRDARMLFGASAGALHCVGLSGIPLEQTLQVLS
 DLVRKARSRNIGIFHPSFNLKFLRQGLGKCLPANVHQLISGKIGISLTVSDGENVLVSDFRSKDEVVD
 ALVCSCFMPFYSLIPPSFRGVRYVDGGVSDNVPFIDAKTTITVSPFYGEYDICKVKSTNFLHVDITKL
 SLRLCTGNLYLLSRAFPDPLKVLGEICLRGYLDAFRFLEEKGICNRPQGLKSSSEGMDPEVAMPSWAN
 MSLDSSPESAAVLRLEGDELLDHLRLSILPWDESILDTLSPRLATALSEEMKDKGGYMSKICNLLPIRI
 MSYVMLPCTLPVESAIIVQRLVTWLPDMPDDVLWLQWVTSQVFTRVLMCLLPASRSQMPVSSQQASPCT
 PEQDWPCWTPCSPEGCPAETKAEATPRILRSSLNFFLGKVPAGAEGLSTFPSFSLEKSL

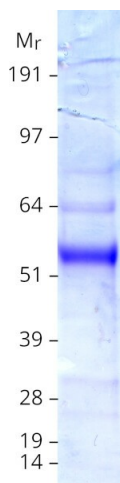
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 C6, ¹⁵ N4]-L-Arginine and [U- ¹³ C6, ¹⁵ N2]-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_079501</u>
RefSeq Size:	2805
RefSeq ORF:	1443
Synonyms:	ADPN; C22orf20; iPLA(2)epsilon


[View online »](#)

Locus ID:	80339
UniProt ID:	<u>Q9NST1</u>
Cytogenetics:	22q13.31
Summary:	The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes. [provided by RefSeq, Jul 2008]
Protein Pathways:	Glycerolipid metabolism, Glycerophospholipid metabolism, Limonene and pinene degradation, Metabolic pathways, Phenylalanine metabolism, Tyrosine metabolism

Product images:



Coomassie blue staining of purified PNPLA3 protein (Cat# [TP309577]). The protein was produced from HEK293T cells transfected with PNPLA3 cDNA clone (Cat# [RC209577]) using MegaTran 2.0 (Cat# [TT210002]).