OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP309577M

PNPLA3 (NM_025225) Human Recombinant Protein

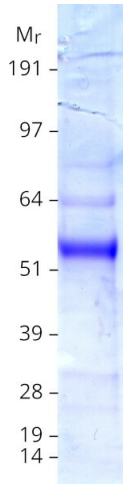
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human patatin-like phospholipase domain containing 3 (PNPLA3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209577 protein sequence Red=Cloning site Green=Tags(s) MYDAERGWSLSFAGCGFLGFYHVGATRCLSEHAPHLLRDARMLFGASAGALHCVGVLSGIPLEQTLQVLS DLVRKARSRNIGIFHPSFNLSKFLRQGLGKCLPANVHQLISGKIGISLTRVSDGENVLVSDFRSKDEVVD ALVCSCFMPFYSGLIPPSFRGVRYVDGGVSDNVPFIDAKTTITVSPFYGEYDICPKVKSTNFLHVDITKL SLRLCTGNLYLLSRAFVPPDLKVLGEICLRGYLDAFRFLEEKGICNRPQPGLKSSSEGMDPEVAMPSWAN MSLDSSPESAALAVRLEGDELLDHLRLSILPWDESILDTLSPRLATALSEEMKDKGGYMSKICNLLPIRI MSYVMLPCTLPVESAIAIVQRLVTWLPDMPDDVLWLQWVTSQVFTRVLMCLLPASRSQMPVSSQQASPCT PEQDWPCWTPCSPEGCPAETKAEATPRSILRSSLNFFLGNKVPAGAEGLSTFPSFSLEKSL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	52.7 kDa
Concentration:	>0.1 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

View online »

RefSeq:	NP_079501
Locus ID:	80339
UniProt ID:	Q9NST1
RefSeq Size:	2805
Cytogenetics:	22q13.31
RefSeq ORF:	1443
Synonyms:	ADPN; C22orf20; iPLA(2)epsilon
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]).