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Product datasheet for TP750210

PNPLA3 (NM_025225) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human patatin-like phospholipase domain containing 3 (PNPLA3), full length, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of PNPLA3
Tag:	N-His
Predicted MW:	52.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
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 after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_079501
Locus ID:	80339
UniProt ID:	Q9NST1
RefSeq Size:	2805
Cytogenetics:	22q13.31
RefSeq ORF:	1443
Synonyms:	ADPN; C22orf20; iPLA(2)epsilon

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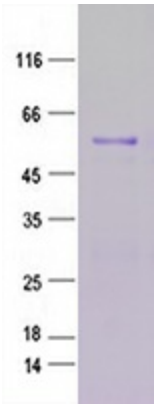
Summary: The protein encoded by this gene is a triacylglycerol lipase that mediates triacylglycerol hydrolysis in adipocytes. The encoded protein, which appears to be membrane bound, may be involved in the balance of energy usage/storage in adipocytes. [provided by RefSeq, Jul 2008]

Protein Pathways: Glycerolipid metabolism, Glycerophospholipid metabolism, Limonene and pinene degradation, Metabolic pathways, Phenylalanine metabolism, Tyrosine metabolism

Product images:



Purified recombinant protein PNPLA3 was analyzed by SDS-PAGE gel and Coomossie Blue Staining.

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