

Product datasheet for PH305708

Adipose Triglyceride Lipase (PNPLA2) (NM_020376) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PNPLA2 MS Standard C13 and N15-labeled recombinant protein (NP_065109)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205708
Predicted MW:	55.3 kDa
Protein Sequence:	>RC205708 protein sequence Red=Cloning site Green=Tags(s)

MFPREKTNWISFAGCGFLGVYYVGVASCLREHAPFLVANATHIYGASAGALTATALVTGVCLGEAGAKFI
EVSKEARKRFLGPLHPSFNLVKIIRSFLKVLPADESHEHSGRLGISLTRVSDGENVIISHFNKDELIQ
ANVCSGFIPVYCGLIIPPSLQGVRYVDGGISDNLPLYELKNTITVSPFSGESDIPCQDSSTNIHELRTNT
SIQFNLRNLYRLSKALFPPEPLVLRMCKQGYRDGLRFLQRNGLLNRPNPLLALPPARPHGPEKDQAVE
SAQAEDYSQLPGEDHILEHLPARLNEALLEACVEPTDLLTTLNMLPVRLATAMMVPYTLPLESALSFTI
RLLLEWLPDVPEDIRWMKEQTGSICQYLVMRAKRKLRHLP SRLPEQVELRRVQSLPSVPLSCAAAREALP
GWMRNLSLGDALAKWEECQRQLLLGLFCTNVAFPEALRMRAPADPAPADPASPQHQLAGPAPLLST
PAPEARPVIGALGL

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_065109</u>
RefSeq Size:	2443
RefSeq ORF:	1512



[View online »](#)

Synonyms: 1110001C14Rik; ATGL; FP17548; iPLA2zeta; PEDF-R; TTS-2.2; TTS2

Locus ID: 57104

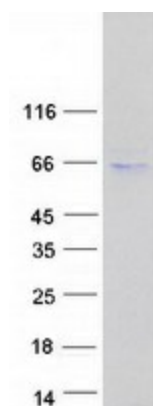
UniProt ID: [Q96AD5](#)

Cytogenetics: 11p15.5

Summary: This gene encodes an enzyme which catalyzes the first step in the hydrolysis of triglycerides in adipose tissue. Mutations in this gene are associated with neutral lipid storage disease with myopathy. [provided by RefSeq, Jul 2010]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified PNPLA2 protein (Cat# [TP305708]). The protein was produced from HEK293T cells transfected with PNPLA2 cDNA clone (Cat# [RC205708]) using MegaTran 2.0 (Cat# [TT210002]).