

Datasheet for ABIN7554981

Patatin-Like Phospholipase Domain Containing 7 (PNPLA7) (AA 1-1317) protein (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Patatin-Like Phospholipase Domain Containing 7 (PNPLA7)
Protein Characteristics:	AA 1-1317
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag

Product Details

Purpose:	Custom-made recombinant PNPLA7 Protein expressed in mammalian cells.
Sequence:	MEEEKDDSPQ LTGIAVGALL ALALVGVLLI FMFRRLRQFR QAQTPQYRF RKRDKVMFYG RKIMRKVTTL PNTLVENTAL PRQRARKRTK VLSLAKRILR FKKEYPALQP KEPPPSLLEA DLTEFDVKNS HLPSEVLYML KNVRVLGHFE KPLFLELCKH IVFVQLQEGE HVFQPREPDP SICVVQDGRL EVCIQDTDGT EVVVKEVLG DSVHSLLSIL DIITGHAAPY KTVSVRAAIP STILRLPAAA FHGVFEKYPE TLVRVVQIIM VRLQRTFLA LHNLYGLTTE LFNAESQAIP LVSVAVAAG KAKKQVFYGE EERLKKPPRL QESCDSDHGG GRPAAAGPLL KRSHSVPAPS IRKQILEELE KPGAGDPDPS APQGGPGSAT SDLGMACDRA RVFLHSDEHP GSSVASKSRK SVMVAEIPST VSQHSESHTD ETLASRKSDA IFRAAKDLL TLMKLEDSSL LDGRVALLHV PAGTVVSRQG DQDASILFVV SGLLHVYQRK IGSQEDTCLF LTRPGEMVGQ LAVLTGEPLI FTVKANRDCS FLSISKAHFY EIMRKQPTVV LGVAHTVVKR MSSFVRQIDF ALDWVEVEAG RAIYRQGDKS DCTYIMLSGR LRSVIRKDDG KKRLAGEYGR GDLVGVVETL THQARATTVH AVRDELAKL PAGALTSIKR RYPQVVTRLI HLLGEKILGS LQQGPVTGHQ LGLPTEGSKW

DLGNPAVNLS TVAVMPVSEE VPLTAFALEL EHAlSAIGPT LLLTSDNIKR RLGSAALDSV
HEYRLSSWLg QQEDTHRIVL YQADGTlTPW TQRCVRQADC ILIVGLGDQE PTVGELERML
ESTAVRAQKQ LILLHREEGP APARTVEWLN MRSWCSGHLH LCCPRRVFSR RSLPKLVEMY
KHVFQRPPDR HSDFSRLARV LTGNAIALVL GGGGARGCAQ VGVLKALAEc GIPVDMVGgT
SIGAFVGALY SEERNYSQMR IRAKQWAEgM TSLMKAALDL TYPITSMFSG AGFNSSIFSV
FKDQQIEDLW IPYFAITTDI TASAMRVHTD GSLWWYVRAS MSLSGYMPPL CDPKDGHLlM
DGGYINNlPA DVARSMGAKV VIAIDVGSRD ETDLTNYGDA LSGWWLLWKR WNPLATKVKV
LNMAEIQTRL AYVCCVRQLE VVKSSDYCEY LRPPIDSYST LDFGKFNEIC EVGYQHGRtV
FDIWGRSGVL EKMLRDQQGP SKKPASAVLT CPNASFTDLA EIVSRIEPAK PAMVDDeSDY
QTEYEEELLD VPRDAYADFQ STSAQQGSDL EDESSLRHRH PSLAFPKLSE GSSDQDG **Sequence**
without tag. The proposed Purification-Tag is based on experiences with the expression
system, a different complexity of the protein could make another tag necessary. In case you
have a special request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	Patatin-Like Phospholipase Domain Containing 7 (PNPLA7)
Alternative Name:	PNPLA7 (PNPLA7 Products)
Background:	Patatin-like phospholipase domain-containing protein 7 (EC 3.1.1.-) (EC 3.1.1.5),FUNCTION: Lysophospholipase which preferentially deacylates unsaturated lysophosphatidylcholine (C18:1), generating glycerophosphocholine. Also can deacylate, to a lesser extent, lysophosphatidylethanolamine (C18:1), lysophosphatidyl-L-serine (C18:1) and lysophosphatidic acid (C16:0). {ECO:0000250 UniProtKB:A2AJ88}.
Molecular Weight:	145.7 kDa
UniProt:	Q6ZV29

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months