

Datasheet for ABIN7550810

PNPLA5 Protein (AA 1-429) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	PNPLA5
Protein Characteristics:	AA 1-429
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PNPLA5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PNPLA5 Protein expressed in mammalian cells.
Sequence:	MGFLEEEGRW NLSFSGAGYL GAHHVGATEC LRQRAPRLQ GARRIYGSSS GALNAVSIVC GKSVDFFCCSH LLGMVGQLER LSLILHPAY APIEHVKQQL QDALPPDAHV LASQRLGISL TRWPDGRNFL VTDFATCDEL IQALVCTLYF PFYCGLIPPE FRGERYIDGA LSNLPPFADC PSTITVSPFH GTVDICPQST SPNLHELNVF NFSFQISTEN FFLGLICLIP PSLEVADNC RQGYLDALRF LERRGLTKEP VLWTLVSKEP PAPADGNWDA GCDQRWKGG SLNWKVPHVQ VKDVPNFEQL SPELEAALKK ACTRDPSRWA RFWHSGPGQV LTYLLLPCTL PFEYIYFRSR RLVWVLPDVP ADLWWMQGLL RNMALEVFSR TKAQLLGPI SPPATRVLETS PLQPQIAPHR EELGPTHQA 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.

Product Details

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.
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	PNPLA5
Alternative Name:	PNPLA5 (PNPLA5 Products)
Background:	Patatin-like phospholipase domain-containing protein 5 (EC 3.1.1.3) (GS2-like protein),FUNCTION: Has abundant triacylglycerol lipase activity. {ECO:0000269 PubMed:16150821}.
Molecular Weight:	47.9 kDa
UniProt:	Q7Z6Z6

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