

Full-Length

PNPLA1 (Human) Recombinant Protein (P02)

Catalog # H00285848-P02

Size 50 ug

Specification

Product Description	Human PNPLA1 full-length ORF (BAC04697.1, 1 a.a. - 437 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MVQMMRQFLYRVLPEDSYKVTTGKLHVSRLTDGENVVVSEFTSKEELIEALYCSCFVPVYCGLI PPTYRGVRYIDGGFTGMQPCAFWTDATISTFSGQQDICPRDCPAIFHDFRMFNCSFQFSLENIAR MTHALFPPDLVILHDYYYRGYEDAVLYLRRLNAVYLNSSSKRVIFPRVEVYCQIELALGNECPERSQ PSLRARQASLEGATQPHKEWVPKGDGRGSHGPPVSQPVQTLFTCESPVSAVSPLEQPPAQ PLASSTPLSLSGMPPVSFPAVHKPPSSTPGSSLPTPPPGLSPLSPQQVQPSGSPARSLHSQA PTSHRPSLGPSTVGAPQTLPRSSLSAFPAQPPVEELGQEQPQAVALLVSSKPKSAVPLVHVKET VSKPYVTESPAEDSNWVNKVFKNKQKTSGRKGFPRHSGSKKPPSSKVQ
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	74.3
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — PNPLA1

Entrez GeneID	285848
GeneBank Accession#	AK096074.1
Protein Accession#	BAC04697.1
Gene Name	PNPLA1
Gene Alias	FLJ38755, MGC119319, MGC119320, MGC119321, dJ50J22.1
Gene Description	patatin-like phospholipase domain containing 1
Gene Ontology	Hyperlink
Gene Summary	Human patatin-like phospholipases, such as PNPLA1, have been implicated in regulation of adipocyte differentiation and have been induced by metabolic stimuli (Wilson et al., 2006 [PubMed 16799181]).[supplied by OMIM]
Other Designations	OTTHUMP00000016289 OTTHUMP00000039681

Disease

- [Genetic Predisposition to Disease](#)
- [Insulin Resistance](#)
- [Obesity](#)
- [Skin Diseases](#)