

Recombinant Human PNPLA3 protein, His-tagged

Cat. No. PNPLA3-1820H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPLA3 protein(229-339 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	229-339 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	PDLKVLGEICLRGYLDAFRFLEEKGICNRPQGLKSSSEGMDPEVAMPSWANMSLD SSPESAALAVRLEGDELDDHLRLSILPWDESILDTLSPRLATALSEEMKDKGGYM
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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GENE INFORMATION

Gene Name	PNPLA3 patatin-like phospholipase domain containing 3 [Homo sapiens]
Official Symbol	PNPLA3
Synonyms	PNPLA3; patatin-like phospholipase domain containing 3; adiponutrin , ADPN, C22orf20, chromosome 22 open reading frame 20; patatin-like phospholipase domain-containing protein 3; adiponutrin; dJ796I17.1; FLJ22012; iPLA2-epsilon; acylglycerol O-acyltransferase; calcium-independent phospholipase A2-epsilon; ADPN; C22orf20; iPLA(2)epsilon;
Gene ID	80339
mRNA Refseq	NM_025225
Protein Refseq	NP_079501
MIM	609567
UniProt ID	Q9NST1

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SDS-PAGE



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