

Recombinant Human PNPLA8 protein, His-tagged

Cat. No. PNPLA8-2904H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PNPLA8 protein(100-359 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	100-359 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.
AA Sequence	CMSRIKSTLNSVSKAVFGNQEMISRLAQFKPSSQILRKVSDSGWLKQKNIKQAIKSL KKYSDKSAEKSPFPEEKSHIIDKEEDIGKRSLFHYTSSITTKFGDSFYFLSNHINSYFK RKEKMSQQKENEHFRDKSELEDKKVEEGKLRSPDPGILAYKPGSESVHTVDKPTSP SAIPDVLQVSTKQSIANFLSRPTEGVQALVGGYIGGLVPKLKYDSKSQSEEQEPAK TDQAVSKDRNAEEKRSLQREKIIARVSI
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

PNPLA8 patatin-like phospholipase domain containing 8 [Homo sapiens]

Official Symbol

PNPLA8

Synonyms

PNPLA8; patatin-like phospholipase domain containing 8; calcium-independent phospholipase A2-gamma; IPLA2(GAMMA); IPLA2 2; IPLA2G; PNPLA-gamma; iPLA2 gamma; iPLA2-gamma; patatin-like phospholipase domain-containing protein 8; membrane-associated calcium-independent phospholipase A2 gamma; intracellular membrane-associated calcium-independent phospholipase A2 gamma; IPLA2-2;

Gene ID

50640

mRNA Refseq

NM_001256007

Protein Refseq

NP_001242936

MIM

612123

UniProt ID

Q9NP80

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