

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	CMSRIKSTLNSVSKAVFGNQNMISRLAQFKPSSQILRKVSDSGWLKQKNIKQAIKSL KKYSDKSAEKSPFPEEKSHIIDKEEDIGKRSLFHYTSSITTKFGDSFYFLSNHINSYFK RKEKMSQQKENEHFRDKSELEDKKVEEGKL RSPDPGILAYKPGSESVHTVDKPTSP SAIPDVLQVSTKQSIANFLSRPTEGVQALVGGYIGGLVPKLKYDSKSQSEEQEPAK TDQAVSKDRNAEEKKRLSLQREKIIARVSI
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.
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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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