

## Recombinant Human PNPLA7 protein, GST-tagged

Cat. No. PNPLA7-1887H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PNPLA7 protein(302 - 468 aa), fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	302 - 468 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	MVSVASVAAGKAKKQVFYGEERLKKPPRLQESCSDHGGGRPAAAGPLLKRSHS VPAPSIRKQILEELEKPGAGDPDPSAPQGGPGSATSDLGMACDRARVFLHSDEHPG SSVASKSRKSVMVAEIPSTVSQHSESHTDETLASRKSDAIFRAAKDLLTLMKLEDS
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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.
<b>Reconstitution</b>	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name** PNPLA7 patatin-like phospholipase domain containing 7 [ Homo sapiens ]

**Official Symbol** PNPLA7

**Synonyms** NTEL1; NTE-R1; C9orf111; RP11-48C7.2

**Gene ID** 375775

**mRNA Refseq** NM\_152286.3

**Protein Refseq** NP\_689499.3

**MIM** 612122

**UniProt ID** Q6ZV29

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