

Recombinant Human PLIN2 protein, His-tagged

Cat. No. PLIN2-9448H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PLIN2 protein(88-437 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	88-437 aa
Tag	N-His
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.
Purity	75%, 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, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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AA Sequence

DRIEERLPILNQPSTQIVANAKGAVTGAKDAVTTTGTGAKDSVASTITGVMDKTKGAV
 TGSVEKTKSVVSGSINTVLGSRMMQLVSSGVENALTKSELLVEQYLPLTEEELEKEA
 KKVEGFDLVQKPSYYVRLGSLSTKLHSRAYQQALSRVKEAKQKSQQTISQLHSTVHL
 IEFARKNVYSANQKIQDAQDKLYLSWVEWKRSIGYDDTDESHCAEHIESRTLAIARNL
 TQQLQTTCHTLLSNIQGVQPNIQDQAKHMGVMAGDIYSVFRNAASFKEVSDSLLTSS
 KGQLQKMKESLDDVMDYLVNNTPLNWLVGPFYPQLTESQNAQDQGAEMDKSSQE
 TQRSEHKTH

GENE INFORMATION

Gene Name	PLIN2 perilipin 2 [Homo sapiens]
Official Symbol	PLIN2
Synonyms	PLIN2; perilipin 2; ADFP, adipose differentiation related protein; perilipin-2; adipophilin; ADRP; adipose differentiation-related protein; ADFP; MGC10598;
Gene ID	123
mRNA Refseq	NM_001122
Protein Refseq	NP_001113
MIM	103195
UniProt ID	Q99541

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SDS-PAGE



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