

Recombinant Human APLP1 protein, His-tagged

Cat. No. APLP1-3718H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APLP1 protein(55-341 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	55-341 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	QVAGLCGRLTLHRDLRTGRWEPDPQRSRRCLRDPQRVLEYCRQMYPELQIARVEQ ATQAIPMERWCGGSRSGSCAHPHHQVVPFRCLPGEFVSEALLVPEGCRFLHQERM DQCESSTRRHQEAQEACSSQGLILHGSGMLLPCGSDRFRGVEYVCCPPPGTDPDS GTAVGDPSTRSWPPGSRVEGAEDEEEEESFPQPVDDYFVEPPQAEEEEETVPPPS SHTLAVVGKVTPTPRPTDGVDIYFGMPGEISEHEGFLRAKMDLEERRMRQINEVMR EWAMADNQSKN
Purity	95%, 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

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cycles.

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

[APLP1 amyloid beta \(A4\) precursor-like protein 1 \[Homo sapiens \]](#)

Official Symbol

[APLP1](#)

Synonyms

APLP1; amyloid beta (A4) precursor-like protein 1; amyloid-like protein 1; amyloid precursor like protein 1; amyloid like protein 1; APLP; APLP-1; amyloid precursor-like protein 1;

Gene ID

[333](#)

mRNA Refseq

[NM_001024807](#)

Protein Refseq

[NP_001019978](#)

MIM

[104775](#)

UniProt ID

[P51693](#)

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