

Recombinant Human APLP1 protein(Met1-Glu580), His-tagged

Cat. No. APLP1-1102H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APLP1 (P51693-1) (Met1-Glu580) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Glu580
Form	Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human APLP1 consists of 553 amino acids and predicts a molecular mass of 61.9 KDa. It migrates as an approximately 67-77 KDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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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