

## Recombinant Human APLP1, His tagged

Cat. No. APLP1-350H Lot. No. (See product label)

### SPECIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Overview</b>     | Recombinant Human APLP1 (P51693-1) (Met1-Glu580), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.   |
| <b>Species</b>              | Human  |
| <b>Source</b>               | Human Cells  |
| <b>ProteinLength</b>        | 1-580 a.a.   |
| <b>Predicted N Terminal</b> | Ser 39   |
| <b>Form</b>                 | Lyophilized from sterile PBS, PH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.  |
| <b>Molecular Mass</b>       | 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. |
| <b>Endotoxin</b>            | < 1.0 eu per µg of the protein as determined by the LAL method.  |
| <b>Purity</b>               | >95 % as determined by SDS-PAGE  |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70oC.  |
| <b>Storage</b>              | Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein   |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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. 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](#)

**Gene ID** [333](#)

**mRNA Refseq** [NM\\_001024807](#)

**Protein Refseq** [NP\\_001019978](#)

**MIM** [104775](#)

**UniProt ID** [P51693](#)

**Chromosome Location** [19q](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA