

## Recombinant Human APP, His-GST tagged

Cat. No. APP-191H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human APP (P05067-1) (Asp672-Gly709), fused with the N-terminal polyhistidine-tagged GST tag, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	672-709 a.a.
<b>Predicted N Terminal</b>	Met
<b>Form</b>	Lyophilized from sterile 50 mM Tris, 100 mM NaCl, 20% glycerol, 0.05% Tween 20, pH 9.5. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human Beta-APP38/GST chimera consists of 277 amino acids and has a calculated molecular mass of 32.1 KDa. It migrates as an approximately 34 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>	>85 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

 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

**Storage** Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** [APP amyloid beta \(A4\) precursor protein \[ Homo sapiens \]](#)

**Official Symbol** APP

**Gene ID** [351](#)

**mRNA Refseq** [NM\\_000484](#)

**Protein Refseq** [NP\\_000475](#)

**MIM** [104760](#)

**UniProt ID** [P05067](#)

**Chromosome Location** 21q21.2

 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