

## Recombinant Human APP protein, GST-tagged

**Cat. No.** APP-7854H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human APP protein(673-714 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                                  |
| <b>ProteinLength</b>    | 673-714 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                             |
| <b>Storage</b>          | 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.       |
| <b>Reconstitution</b>   | 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. |
| <b>AA Sequence</b>      | AEDVGSNKGAIIGLMVGGVVIATVIVITLVMLKKKQYTSIHH                                                                                                                                                                                                           |

### GENE INFORMATION

 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

|                        |                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | APP amyloid beta (A4) precursor protein [ Homo sapiens ]                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b> | APP                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>        | APP; amyloid beta (A4) precursor protein; AD1, Alzheimer disease; amyloid beta A4 protein; peptidase nexin II; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide; AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma; |
| <b>Gene ID</b>         | 351                                                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>     | NM_000484                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_000475                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | 104760                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | P05067                                                                                                                                                                                                                                                                                                            |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                                                                                                                                   |