

## Recombinant Human APP protein, His-tagged

**Cat. No.** APP-3646H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human APP protein(653-751 aa), fused to His tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	653-751 aa
<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. The elution buffer contain 300mM imidazole.
<b>AA Sequence</b>	DAEFRHDSGYEVHHQKLVFFAEDVGSNKGAIIGLMVGGVVIVITLVMLKKKQYT SIHHGVVEVDAAVTPEERHLSKMQQNGYENPTYKFFEQMQN
<b>Purity</b>	95%, 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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	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

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storage.

## GENE INFORMATION

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

**Official Symbol** [APP](#)

**Synonyms** 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;

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

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

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

**MIM** [104760](#)

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

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