

## Recombinant Human APP protein, His-tagged

Cat. No. APP-7855H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human APP protein(673-714 aa), fused with N-terminal His tag, was expressed in E. coli.
<b>ProteinLength</b>	673-714 aa
<b>Tag</b>	N-His
<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

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<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>	 <p>← 18 kDa</p>

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