

Recombinant Human APP protein, GST-tagged

Cat. No. APP-1850H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APP protein(175-289 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	175-289 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	GIDKFRGVVEFVCCPLAEESDNVDSADAEEDDSVWWGGADTDYADGSEDKVVEVA EEEEVAEVEEEEEADDDDEDEDGDEVVEEEAEEPYEEATERTTSIATTTTTTTTTSVEEV VRE
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term 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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