

Active Recombinant Human APP protein, His & GST-tagged

Cat. No. APP-192H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human APP protein(Asp 672-Val 711)(P05067-1), corresponding to the Beta-amyloid protein 40, was expressed in E. coli, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	672-711 aa
Form	Lyophilized from sterile 50mM Tris, 500mM NaCl, pH 7.5.
Bio-activity	Measured by its ability to bind biotinylated recombinant human AGER in a functional ELISA.
Molecular Mass	The recombinant human Beta-APP40/GST chimera consists of 278 amino acids and has a calculated molecular mass of 31.8 kDa. It migrates as an approximately 33 kDa band in SDS-PAGE under reducing conditions.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. 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](#)

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](#)

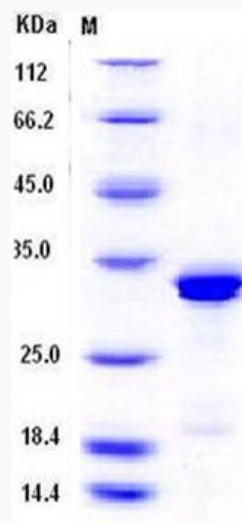
UniProt ID [P05067](#)

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SDS-PAGE



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