Recombinant Human APP protein, His & GST-tagged

Cat. No. APP-3850H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APP protein(Asp672-Ala713)(P05067-1), corresponding to the Beta-amyloid protein 42, was expressed in E. coli, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	E. coli
ProteinLength	672-713 aa
Form	Lyophilized from sterile PBS, 10% glycerol, pH 7.4.
Molecular Mass	The recombinant human Beta-APP42/GST chimera consists of 280 amino acids and has a calculated molecular mass of 32.4 KDa. It migrates as an approximately 34 KDa band in SDS-PAGE under reducing conditions.
Purity	> 80 % 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.
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.

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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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