

Recombinant Human APP protein, His-tagged

Cat. No. APP-2877H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human APP protein(Leu 18-Met 652), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Leu 18-Met 652
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.3M Arginine, pH7.4. Normally trehalose is added as protectant before lyophilization.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus.The protein has a calculated MW of 73.8 kDa. The protein migrates as 100-110 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.>90% as determined by SEC-MALS.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower.Please avoid repeated freeze-thaw cycles. This product is stable after storage at:-20°C to-70°C for 12 months in lyophilized state;-70°C for 3 months under sterile conditions after reconstitution.

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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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