

Amyloid Precursor Protein (APP) Recombinant Protein | APP recombinant protein

Recombinant Amyloid Precursor Protein (APP)

CATALOG # AAA134725	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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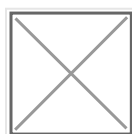
PRODUCT SYNONYMS

Amyloid Precursor Protein (APP); Recombinant Amyloid Precursor Protein (APP); APP recombinant protein

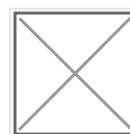
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandMBP-t ag,itssequ enceislist edbelow. MKIEEGKL VIWINGDKGY NGLAEVGKKF EKDTGIKVTV EHPDKLEEF PQVAATGDGP DIIFWAHDFR GGYAQSGLLA EITPDKAFQD KLYPFTWDAV RYNGKLIAYP IAVEALSLIY NKDLLPNPPK TWEEIPALDK ELKAKGKSAL MFNLQEPYFT WPLIAADGGY AFKYENGKYD IKDVGVDNAG AKAGLTFLVD LIKNKHMNAD TDYSIAEAAF NKGETAMTIN GPWAWSNIDT SKVNYGVTVL PTFKGQPSKP FVGVL SAGIN AASPKNELAK EFLENYLLTD EGLEAVNKDK PLGAVALKSY EEELAKDPRI AATMENAQKG EIMPNIPQMS AFWYAVRTAV INAASGRQTV DEALKDAQTG STSGSGHHHH HHSAGLVPRG STAIGMKETA AAKFERQHMD SPDLGTLEVL FQGPLGS-DA EFRHDSGYEV HHQKL VFFAE DVGSNKGAI GLMVGGVV
Sequence Length	770
Applicable Applications for APP recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Asp672~Val711 (Accession # P05067) with two N-terminal Tags, His-tag and MBP-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
NCBI GeneID	351
NCBI Accession #	NP_000475.1
NCBI GenBank Nucleotide #	NM_000484.3
UniProt Accession #	P05067; P09000; P78438; Q13764; Q13778; Q13793; Q16011; B2R5V1; B4DII8; D3DSD1; D3DSD2; D3DSD3
Molecular Weight	50.7kDa
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein
NCBI Official Symbol	APP
NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APPI; CVAP; ABETA; PN-II; CTFgamma
NCBI Protein Information	amyloid beta A4 protein; preA4; protease nexin-II; peptidase nexin-II; beta-amyloid peptide; alzheimer disease amyloid protein; cerebral vascular amyloid peptide
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	APP
UniProt Synonym Gene Names	A4; AD1; APP; CVAP; PN-II; S-APP-alpha; S-APP-beta; AICD-59; AID(59); AICD-57; AID(57); AICD-50; AID(50)
UniProt Entry Name	A4_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/app-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134725>