

Amyloid Beta (A4) Precursor Recombinant Protein | APP recombinant protein

Amyloid Beta (A4) Precursor Protein, Recombinant Human Protein

CATALOG # AAA76563	HOST E. Coli	REACTIVITY Human
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PRODUCT SYNONYMS

Amyloid Beta (A4) Precursor; Amyloid Beta (A4) Precursor Protein; Recombinant Human Protein; Amyloid beta A4 protein; ABPP; APP1; APP; Alzheimer disease amyloid protein; Cerebral vascular amyloid peptide; CVAP; PreA4; Protease nexin-II; PN-II; A4; AD1; AAA; PN2; ABETA; CTFgamma; APP recombinant protein

PRODUCT SPECIFICATIONS

Host	E. Coli
Reactivity	Human
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	APP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT.
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSLEVP TDGNAGLLAE PQIAMFCGRL NMHMNVQNGK WSDPSGTKT CIDTKEGILQ YCQEVYPELQ ITNVVEANQP VTIQNWCKRG RKQCKTHPHF VIPYRCLVGE FVSDALLVPD KCKFLHQERM DVCETHLHWH TVAKETCSEK STNLHDYGML LPCGIDKFRG VEFVCCPLAE ESDNVDSADA EEDDSVWWG GADTDYADGS EDKVVEVAEE EEVAEVEEEEE ADDEDEDG DEVEEEAEEP YEEATERTTS IATTTTTTTE SVEEVVRE
Sequence Length	770
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles

ADDITIONAL INFORMATION

Related Product Information for APP recombinant protein	APP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (18-289 a.a) and having a molecular mass of 34.7kDa (Molecular size on SDS-PAGE will appear higher). APP is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for APP recombinant protein	Promos/New Solutions ; New Products ; Amyloid Beta (A4) Precursor Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502167
NCBI GeneID	351
NCBI Accession #	NP_000475.1
NCBI GenBank Nucleotide #	NM_000484.3
NCBI Official Full Name	amyloid beta A4 protein isoform a
NCBI Official Synonym Full Names	amyloid beta precursor protein
NCBI Official Symbol	APP

NCBI Official Synonym Symbols	AAA; AD1; PN2; ABPP; APP1; CVAP; ABETA; PN-II; CTFgamma
NCBI Protein Information	amyloid beta A4 protein
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/app-recombinant-protein-e-coli/76563>