

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

Recombinant Amyloid Precursor Protein (APP)

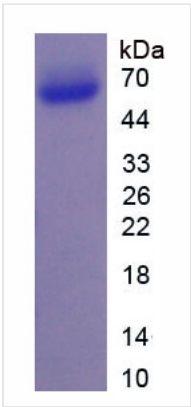
CATALOG # AAA134201	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200 ug/mL (varies by lot)
Applicable Applications for APP recombinant protein	Immunogen, WB (Western Blot), SDS-PAGE
Organism Species	Mus musculus (Mouse)
Source	Prokaryotic expression
Residues	Leu18~Val286
Tags	N-terminal His and GST Tag
Subcellular Location	Membrane
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Predicted isoelectric point	4.2
Predicted Molecular Mass	60.0kDa
Accurate Molecular Mass	60kDa as determined by SDS-PAGE reducing conditions.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°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 and precipitation were observed.The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	311893401
NCBI GeneID	11820
NCBI Accession #	NP_001185752.1
NCBI GenBank Nucleotide #	NM_001198823.1
UniProt Accession #	P12023; P97487; P97942; Q99K32
NCBI Official Full Name	amyloid beta A4 protein isoform 1
NCBI Official Synonym Full Names	amyloid beta (A4) precursor protein
NCBI Official Symbol	App
NCBI Official Synonym Symbols	Ag; Abpp; Adap; Cvap; Abeta; betaApp; E030013M08Rik
NCBI Protein Information	amyloid beta A4 protein; appican; protease nexin II; amyloidogenic glycoprotein; alzheimer disease amyloid A4 protein homolog
UniProt Protein Name	Amyloid beta A4 protein
UniProt Gene Name	App
UniProt Synonym Gene Names	APP; AG; S-APP-alpha; S-APP-beta; AID(59); AID(57); AID(50)
UniProt Entry Name	A4_MOUSE

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.