

Recombinant Full Length Rat Amyloid Beta A4 Protein(App) Protein, His-Tagged

Cat. No. RFL-10672RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat Amyloid beta A4 protein(App) Protein (P08592) (18-770aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length of Mature Protein (18-770)

Form

Lyophilized powder

AA Sequence

LEVPTDGNAGLLAEPQIAMFCGKLNMHMNVQNGKWESDPSGKTCIGTKEGILQYC
 QEVYPELQITNVVEANQPVTIQNWCKRGRKQCKTHTHIVIPYRCLVGEFVSDALLVP
 DKCKFLHQERMDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVFVC
 CPLAEESDSIDSADAEEEDSDVWWGGADTDYADGGEDKVVEVAEEEEVADVEEEE
 AEDDEDVEDGDEVEEEAEEPVEEATERTTSIATTTTTTTESVEEVVREVCSEQAETG
 PCRAMISRWYFDVTEGKCAPFFYGGCGGNRNNFDTEEYCMVCGSVSSQSLLKTT
 SEPLPQDPVKLPPTTAASTPDAVDKYLETPGDENEHAHFQKAKERLEAKHRERMSQV
 MREWEEAERQAKNLPKADKKAVIQHFQEKVESLEQEANERQQLVETHMARVEAM
 LNDRRRLALENYITALQAVPPRPHHVFNMLKKYVRAEQKDRQHTLKHFEHVRMVDP
 KAAQIRSQVMTHLRVIYERMNQLSLLYNVPAVAEEIQDEVDELLQKEQNYSDDL
 ANMISEPRISYGNLALMPSLTETKTTVELLPVNGEFLDDLQPWHPFGVDSVPANTE
 NEVEPVDARPAADRGLTTRPGSGLTNIKTEEISEVKMDAEFGHDSGFVVRHQKLVFF

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	AEDVGSNKGAIIGLMVGGVVIATVIVITLVMLKKKQYTSIHGGVVEVDAAVTPEERHLS KMQQNGYENPTYKFFEQMQN
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	App
Synonyms	App; A4; AD1; Amyloid-beta precursor protein; ABPP; APP; Alzheimer disease amyloid A4 protein homolog; Alzheimer disease amyloid protein; Amyloid precursor protein; Amyloid-beta; A4 precursor protein; Amyloid-beta A4 protein; Amyloidogenic glycoprotein; A
UniProt ID	P08592

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