

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

Cat. No. RFL-30702SF Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Pig Amyloid beta A4 protein(APP) Protein (P79307) (18-770aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Sus scrofa (Pig)

Source

E.coli

ProteinLength

Full Length of Mature Protein (18-770)

Form

Lyophilized powder

AA Sequence

LEVPTDGNAGLLAEPQVAMFCGKLNMHMNVQNGKWESDPSGKTKCIGTKEGILQY
 CQEVYPELQITNVVEANQPVTIQNWCKRSRKQCKTHTHIVIPYRCLVGEFVSDALLV
 PDKCKFLHQERMDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVEFV
 CCPLAEESDNIDSADAEEDSDVWWGGADTDYADGSEDKVVEVAEEEEVADVEEE
 EAEDDEDDEDGDEVEEEAEPYEEATERTTSIATTTTTTTTESVEEVVREVCSEQAET
 GPCRAMISRWYFDVTEGKCAPFFYGGCGGNRNNFDTEEYCMVCGSVMSQSLLK
 TTQEHLQPDPVKLPTTAASTPDAVDKYLETPGDENEHAHFQKAKERLEAKHRERMS
 QVMREWEEAERQAKNLPKADKKAVIQHFQEKVESLEQEAANERQQLVETHMARVE
 AMLNDRRRLALENYITALQAVPPRPRHVFNMLKKYVRAEQKDRQHTLKHFEHVRMV
 DPKKAAQIRSQVMTHLRVIYERMNQSLSLLYNVPAVAEEIQDEVDLQKEQNYSD
 VLANMISEPRISYGNLMPSLTETKTTVELLPVNGEFLDDLQPWHPFGVDSVPAN
 TENEVEPVDARPAADRGLTTRPGSGLTNIKTEEISEVKMDAEFRHDSGYEVHHQKLV

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FFAEDVGSNKGAIIGLMVGGVVIATVIVITLVMLKKKQYTSIHGGVVEVDAAVTPEERH
LSKMQQNGYENPTYKFFEQMQN

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

UniProt ID [P79307](https://www.uniprot.org/entry/P79307)

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