

Recombinant Full Length Mouse Amyloid-Beta Precursor Protein(App) Protein, His-Tagged

Cat. No. RFL-18930MF Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Full Length Mouse Amyloid-beta precursor protein(App) Protein (P12023) (18-770aa), fused to N-terminal His tag, was expressed in E. coli. |
| Species | Mus musculus |
| Source | E.coli |
| ProteinLength | Full Length of Mature Protein (18-770) |
| Form | Lyophilized powder |
| AA Sequence | <p>LEVPTDGNAGLLAEPQIAMFCGKLNMHMNVQNGKWESDPSGKTKCIGTKEGILQYC QEVYPELQITNVVEANQPVTIQNWCKRGRKQCKTHTHIVIPYRCLVGEFVSDALLVP DKCKFLHQERMDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVFVC CPLAEESDSVDSADAEEDSDVWWGGADTDYADGGEDKVVEVAEEEEVADVVEE EADDEDVEDGDEVEEEAEPYEEATERTTSTATTTTTTTEVVEEVREVCSEQAE TGPCRAMISRWYFDVTEGKCVFFYGGCGGNRNNFDTEEYCMVCGSVSTQSLK TTSEPLPQDPDKLPTTAASTPDAVDKYLETPGDENEHAHFQKAKERLEAKHRERMS QVMREWEEAERQAKNLPKADKKAVIQHFQEKVESLEQEAANERQQLVETHMARVE AMLNDRRRLALENYITALQAVPPRPHVFNMLKKYVRAEQKDRQHTLKHFEHVRMV DPKKAAQIRSQVMTHLRVIYERMNQSLSLLYNVPAVAEEIQDEVDLQKEQNYSD VLANMISEPRISYGNLMPSLTETKTTVELLPVNGEFSLDDLQPWHPFGVDSVPAN TENEVDPDARPAADRGLTTRPGSGLTNIKTEEISEVKMDAEFGHDSGFEVRHQKLV</p> |

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FFAEDVGSNKGAIIGLMVGGVVIATVIVITLVMLKKKQYTSIHGGVVEVDAAVTPEERH
LSKMQQNGYENPTYKFFEQMQN Note: The complete sequence including tag sequence, target protein sequence and linker sequence could be provided upon request.

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

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UniProt ID

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