

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

Cat. No. RFL-31562HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human Amyloid-beta precursor protein APP Protein (P05067) (18-770aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
Protein Length	Full Length of Mature Protein (18-770)
Form	Lyophilized powder
AA Sequence	<p>LEVPTDGNAGLLAEPQIAMFCGRLNMHMNVQNGKWSDPSGKTCIDTKEGILQYC QEVYPELQITNVVEANQPVTIQNWCKRGRKQCKTHPHFVIPYRCLVGEFVSDALLVP DKCKFLHQERMDVCETHLHWHTVAKETCSEKSTNLHDYGMLLPCGIDKFRGVFVC CPLAEESDNVDSADAEEDSDVWWGGADTDYADGSEDKVVEVAEEEEVAEVEEE EADDEDDEDGDEVEEEAEPYEEATERTTSIATTTTTTTESVEEVVREVCSEQAET GPCRAMISRWYFDVTEGKCAPFFYGGCGGNRNNFDTEEYCMVCGSAMSQSLLK TTQEPLARDPVKLPPTAASTPDAVDKYLETPGDENEHAHFQKAKERLEAKHRERMS QVMREWEEAERQAKNLPKADKKAVIQHFQEKVESLEQEAANERQQLVETHMARVE AMLNDRRRLALENYITALQAVPPRPRHVFNMLKKYVRAEQKDRQHTLKHFEHVRMV DPKKAAQIRSQVMTHLRVIYERMNQSLSLLYNVPVAEEIQDEVDELLQKEQNYSD VLANMISEPRISYGNLMPSLTETKTTVELLPVNGEFSLDDLQPWHSFGADSVPAN TENEVDPDARPAADRGLTTRPGSGLTNIKTEEISEVKMDAEFRHDSGYEVHHQKLV</p>

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FFAEDVGSNKGAIIGLMVGGVVVIVITLVMLKKKQYTSIHGGVVEVDAAVTPEERH
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; APP; ABPP; APPI; Alzheimer disease amyloid A4 protein homolog; Alzheimer disease amyloid protein; Amyloid precursor protein; Amyloid-beta; A4 precursor protein; Amyloid-beta A4 protein; Cerebral vascular amylo

UniProt ID [P05067](#)

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