

Amyloid beta (A4) Precursor Protein Human Recombinant

Item Number	rAP-3789
Synonyms	Amyloid beta A4 protein, ABPP, APP1, APP, Alzheimer disease amyloid protein, Cerebral vascular amyloid peptide, CVAP, PreA4, Protease nexin-II, PN-II, APP, A4, AD1, AAA, PN2, ABETA, CTFgamma.
Description	APP Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 308 amino acids (18-289 a.a) and having a molecular mass of 34.7kDa (Molecular size on SDS-PAGE will appear higher).APP is fused to a 36 amino acid His-tag at N-terminus & purified by proprietary chro-
Uniprot Accession Number	P05067
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSLEVP TDGNAGLLAE PQIAMFCGRL NMHMNVQNGK WSDPSGTKT CIDTKEGILQ YCQEVYPELQ ITNVVEANQP VTIQNWCKRG RKQCK- THPHF VIPYRCLVGE FVSDALLVPD KCKFLHQERM DVCETHLHWH TVAKETCSEK STNLHDYGM LPCGIDKFRG VEFVCCPLAE ESDNVDSADA EEDSDVWWG GADTDYADGS EDKVVVEVAEE EEVAEV- EEEE ADDEDDEDG DEVVEEAEEP YEEATERTTS IATTTTTTTE SVEEVVRE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	APP protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 20% glycerol, 0.1M NaCl and 1mM DTT. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**