

Recombinant Full Length Rat Beta-Secretase 1(Bace1) Protein, His-Tagged

Cat. No. RFL27958RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Rat Beta-secretase 1(Bace1) Protein (P56819) (46-501aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Full Length of Mature Protein (46-501)
Form	Lyophilized powder
AA Sequence	ETDEEPEEPGRRGSFVEMVDNLRGKSGQGYVEMTVGSPQTLNILVDTGSSNFA VGAAPHPFLHRYRQLSSTYRDLRKSIVVPYTQGWEGELGTDLVSIHPGNVTV RANIAAITESDKFFINGSNWEGILGLAYAEIARPDDSLPFFDSLQTHIPNIFSLQLC GAGFPLNQTEALASVGGSMIIGGIDHSLYTGSLWYTPIRREWYYEVIIVRVEINGQDL KMDCKEYNYDKSIVDSGTTNLRPKKVFEAAVKSIAASSTEKFPDGFVLGEQLVC WQAGTTPWNIFPVISLYLMGEVTNQSFRITLPQQYLRPVEDVATSQDDCYKFAVSQ SSTGTVMGAVIMEGFYVVFDRARKRIGFAVSACHVHDEFRTAAVEGPFVTADMEDC GYNIPQTDESTLMTIAYVMAAICALFMLPLCLMVCQWRCLRLRHQHDDFADDISLL K
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE

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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 mutiple 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	Bace1
Synonyms	Bace1; Bace; Beta-secretase 1; Aspartyl protease 2; ASP2; Asp 2; Beta-site amyloid precursor protein cleaving enzyme 1; Beta-site APP cleaving enzyme 1; Memapsin-2; Membrane-associated aspartic protease 2
UniProt ID	P56819