

Beta-secretase 1

Catalog No: #AP78635

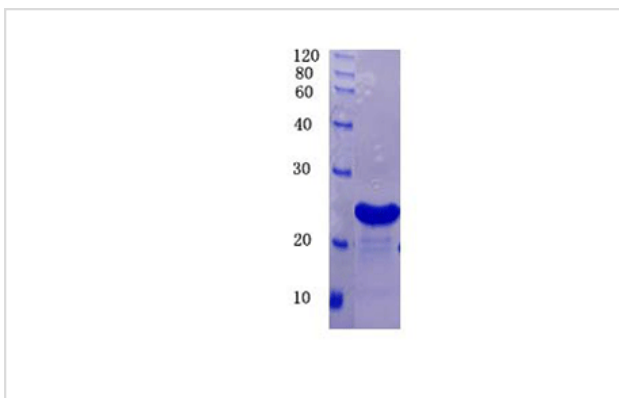
Package Size: #AP78635-1 50ug #AP78635-2 100ug #AP78635-3 1mg

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Description

Product Name	Beta-secretase 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	42-195AA
Other Names	BACE, KIAA1149, Aspartyl protease 2, Beta-site amyloid precursor protein cleaving enzyme 1, Memapsin-2, Membrane-associated aspartic protease 2, ASP2, Beta-site APP cleaving enzyme 1
Accession No.	P56817 Gene name: BACE1
Uniprot	P56817
GeneID	23621;
Calculated MW	16.94
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole, 10% glycerol (PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.) Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



Background

Responsible for the proteolytic processing of the amyloid precursor protein (APP). Cleaves at the N-terminus of the A-beta peptide sequence, between residues 671 and 672 of APP, leads to the generation and extracellular release of beta-cleaved soluble APP, and a corresponding cell-associated C-terminal fragment which is later released by gamma-secretase.

References

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Note: This product is for in vitro research use only