

Datasheet for ABIN1622354

BACE1 Protein (AA 22-457) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	BACE1
Protein Characteristics:	AA 22-457
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This BACE1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SQPGIRLPL RSLGGAAPLG LRLPRETDEE SEEPGRRGSF VEMVDNLRGK SGQGYVEMT LGSPQTLNI LVDTGSSNFA VGAAPHPFLH RYYQRQLSST YRDLRKGYYV PYTQGWEGE LGTDLVSIPH GPNVTVRANI AAITESDKFF INGSNWEGIL GLAYAEIARP DDSLEPFFDS LVKQTHVPNL FSLQLCGAGF PLNQSEALAS VGGSMIIGGI DHSLYMGSLW YTPIRREWYY EVIIVRVEIN GQDLKMDCKE YNYDKSIVDS GTTNLRLPKK VFEEAVKSIK AASSTEKFPD GFWLGEQLVC WQAGTTPWNI FPVISLYLMG EVTNQSFRIT ILPQQYLRPV EDVATSQDDC YKFAISQSST GTVMGAVIME GFYVVFDRAR KRIGFAVSAC HVHDEFRTAA VEGPFVTPDM EDCGYNIPQT DESTLMT
Specificity:	Bos taurus (Bovine)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: BACE1

Abstract: [BACE1 Products](#)

Background: Recommended name: Beta-secretase 1.
EC= 3.4.23.46.
Alternative name(s): Beta-site amyloid precursor protein cleaving enzyme 1.
Short name= Beta-site APP cleaving enzyme 1 Memapsin-2 Membrane-associated aspartic protease 2

UniProt: [Q2HJ40](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

Storage: -20 °C

Handling

Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.