

Datasheet for ABIN7607491

BACE1 Protein (AA 22-460) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	BACE1
Protein Characteristics:	AA 22-460
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This BACE1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), ELISA, Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human BACE1 Protein, C-His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to cleave a fluorogenic peptide substrate, Mca-SEVNLDAEFRK(Dpn)RR-NH ₂ . The specific activity is >5.5 pmol/min/µg.

Target Details

Target:	BACE1
Alternative Name:	BACE1 (BACE1 Products)

Target Details

Background:	BACE1, Memapsin-2, KIAA1149, Asp 2, Beta-site amyloid precursor protein cleaving enzyme 1, BACE, Beta-site APP cleaving enzyme 1, Beta-secretase 1, Aspartyl protease 2, ASP2, Membrane-associated aspartic protease 2, BACE1
UniProt:	P56817

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months