

Recombinant Human BACE1 Protein, MYC/DDK-tagged

Cat. No. BACE1-2200H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BACE1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
ProteinLength	1-501 aa
Description	This gene encodes a member of the peptidase A1 family of aspartic proteases. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature protease. This transmembrane protease catalyzes the first step in the formation of amyloid beta peptide from amyloid precursor protein. Amyloid beta peptides are the main constituent of amyloid beta plaques, which accumulate in the brains of human Alzheimer's disease patients. [provided by RefSeq, Nov 2015].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	51 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	BACE1 beta-site APP-cleaving enzyme 1 [Homo sapiens]
Official Symbol	BACE1
Synonyms	ASP2; BACE; HSPC104
Gene ID	23621
mRNA Refseq	NM_001207048
Protein Refseq	NP_001193977
MIM	604252
UniProt ID	P56817

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