Recombinant Human BACE2 protein, MYC/DDK-tagged

Cat. No. BACE2-579H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BACE2, transcript variant a, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	49.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	BACE2 beta-site APP-cleaving enzyme 2 [Homo sapiens]
Official Symbol	BACE2
Synonyms	BACE2; beta-site APP-cleaving enzyme 2; AEPLC; beta-secretase 2; ALP56;

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	CEAP1; DRAP; asp 1; memapsin-1; theta-secretase; beta secretase 2; aspartyl protease 1; 56 kDa aspartic-like protease; aspartic-like protease 56 kDa; down region aspartic protease; beta-site APP cleaving enzyme 2; Down syndrome region aspartic protease; transmembrane aspartic proteinase Asp1; membrane-associated aspartic protease 1; beta-site amyloid precursor protein cleaving enzyme 2; beta-site amyloid beta A4 precursor protein-cleaving enzyme 2; ASP1; BAE2; ASP21; CDA13;
Gene ID	25825
mRNA Refseq	NM_012105
Protein Refseq	NP_036237
MIM	605668
UniProt ID	Q9Y5Z0
Chromosome Location	21q22.3
Pathway	Alzheimers disease, organism-specific biosystem; Alzheimers disease, conserved biosystem;
Function	aspartic-type endopeptidase activity; peptidase activity;

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