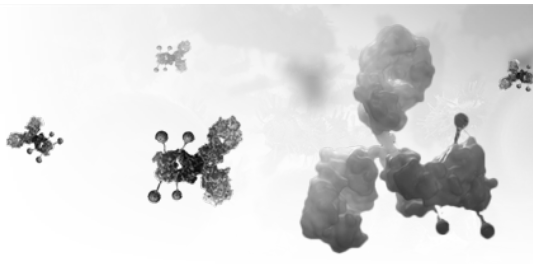

BACE2 blocking peptide (CDBP5151)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes an integral membrane glycoprotein that functions as an aspartic protease. The encoded protein cleaves amyloid precursor protein into amyloid beta peptide, which is a critical step in the etiology of Alzheimer's disease and Down syndrome. The protein precursor is further processed into an active mature peptide. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
Conjugate	Unconjugated
Applications	Used as a blocking peptide in immunoblotting applications.
Format	Liquid
Concentration	200 µg/mL
Size	0.05 mg
Preservative	None
Storage	-20°C

GENE INFORMATION

Gene Name	BACE2 beta-site APP-cleaving enzyme 2 [Homo sapiens (human)]
Official Symbol	BACE2
Synonyms	BACE2; beta-site APP-cleaving enzyme 2; ASP1; BAE2; DRAP; AEPLC; ALP56; ASP21; CDA13; CEAP1; beta-secretase 2; memapsin-1; theta-secretase; aspartyl protease 1; 56 kDa aspartic-like protease; Down syndrome region aspartic protease; transmembrane aspartic proteinase Asp1; membrane-associated aspartic protease 1; beta-site amyloid beta A4 precursor protein-cleaving enzyme 2

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Entrez Gene ID	25825
mRNA Refseq	NM_012105
Protein Refseq	NP_036237
UniProt ID	Q9Y5Z0
Pathway	Alzheimer's disease
Function	aspartic-type endopeptidase activity

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