

Active Recombinant Mouse Bace1 protein(Met1-Thr457), His-tagged

Cat. No. Bace1-252M **Lot. No.** (See product label)

SPECIFICATION	
Product Overview	Recombinant Mouse Bace1 protein(NP_035922.4)(Met1-Thr457), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Thr457
similar	Bace1
Alias	BACE1; beta-site APP cleaving enzyme 1; beta-secretase 1; ASP2; asp 2; memapsin-2; APP beta-secretase; aspartyl protease 2; membrane-associated aspartic protease 2; beta-site amyloid precursor protein cleaving enzyme 1; C76936;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	The secreted recombinant mouse BACE1 consists of 447 amino acids and has a

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	calculated molecular mass of 49.8 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 60-65 kDa protein in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
GeneName	Bace1 beta-site APP cleaving enzyme 1 [Mus musculus]
GeneNameWeblink	23821
OfficialSymbol	Bace1
OfficialSymbolWeblink	23821
GenelD	23821
GenelDWeblink	23821
mRNARefseq	NM_001145947
mRNARefseqWeblink	NM_001145947.1

ProteinRefseqWeblink	NP_001139419.1
MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

Synonyms	BACE1; beta-site APP cleaving enzyme 1; beta-secretase 1; ASP2; asp 2; memapsin-2; APP beta-secretase; aspartyl protease 2; membrane-associated aspartic protease 2; beta-site amyloid precursor protein cleaving enzyme 1; C76936;
MIM	

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