

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 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|------------------------------|---|
| | 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 |
| GeneID | 23821 |
| GeneIDWeblink | 23821 |
| mRNARefseq | NM_001145947 |
| mRNARefseqWeblink | NM_001145947.1 |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



| | |
|-----------------------------|---|
| 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 | |

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA