

Recombinant Mouse BACE2 / Beta secretase 2 Protein (His tag)

Cat.NO.: TP07798

3th Edition

Synonyms:1110059C24Rik;AEPLC;AI850424;ALP56;ARP1;ASP21;BAE2;CDA13;CEAP1;DRAP

Description:BACE2, also known as beta secretase 2, belongs to the peptidase A1 family. It is a protease known to be an important enzyme involved in the cellular pathways. BACE2 has been shown to interact with GGA1 and GGA2. It is the major γ -secretase in vivo. BACE2 is located on chromosome 21 and may play a role in alzheimer's disease pathogenesis in down syndrome(DS). Overexpression of BACE2 by lentivirus markedly reduced amyloid β protein production in primary neurons. Despite an extra copy of the BACE2 gene in DS and the increase of its transcription, BACE2 protein levels are unchanged.

Form:PBS

Molecular Weight:49.2 kDa

Sequences:Met1-Pro462

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.