

Recombinant Human ITM2B

Catalog No: #GP12892

Package Size: #GP12892-1 100ug

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Description

Product Name	Recombinant Human ITM2B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 76-266AA amino acids of human ITM2B
Target Name	integral membrane protein 2B
Other Names	BRI; FBD; ABRI; BRI2; E25B; E3-16; RDGCA; imBRI2; BRICD2B
Accession No.	Swissprot:Q9Y287Gene Accession:BC000554
Uniprot	Q9Y287
GeneID	9445;
Storage	-20~-80°C, pH 7.6 PBS

Background

Amyloid precursor proteins are processed by beta-secretase and gamma-secretase to produce beta-amyloid peptides which form the characteristic plaques of Alzheimer disease. This gene encodes a transmembrane protein which is processed at the C-terminus by furin or furin-like proteases to produce a small secreted peptide which inhibits the deposition of beta-amyloid. Mutations which result in extension of the C-terminal end of the encoded protein, thereby increasing the size of the secreted peptide, are associated with two neurodegenerative diseases, familial British dementia and familial Danish dementia.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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