

Recombinant Human BCAT1

Catalog No: #GP11274



Package Size: #GP11274-1 100ug

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Description

Product Name	Recombinant Human BCAT1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 3-301 amino acids of human BCAT1
Target Name	branched chain amino acid transaminase 1
Other Names	BCT1; PP18; BCATC; ECA39; MECA39; PNAS121
Accession No.	Swissprot:P54687Gene Accession:BC033864
Uniprot	P54687
GeneID	586;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes the cytosolic form of the enzyme branched-chain amino acid transaminase. This enzyme catalyzes the reversible transamination of branched-chain alpha-keto acids to branched-chain L-amino acids essential for cell growth. Two different clinical disorders have been attributed to a defect of branched-chain amino acid transamination: hypervalinemia and hyperleucine-isoleucinemia. As there is also a gene encoding a mitochondrial form of this enzyme, mutations in either gene may contribute to these disorders. Alternatively spliced transcript variants have been described.

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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