

## BCAT1 抗原（重组蛋白）

中文名称：BCAT1 抗原（重组蛋白）

英文名称：BCAT1 Antigen (Recombinant Protein)

别 名：BCT1; PP18; BCATC; ECA39; MECA39; PNAS121

储 存：冷冻（-20℃）

相关类别：抗原

概 述：

Fusion protein corresponding to a region derived from 3-301 amino acids of human BCAT1

技术规格：

<b>Full name:</b>	branched chain amino acid transaminase 1
<b>Synonyms:</b>	BCT1; PP18; BCATC; ECA39; MECA39; PNAS121
<b>Swissprot:</b>	P54687
<b>Gene Accession:</b>	BC033864
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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.

