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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

BCAT1 (Human) Recombinant Protein (P01)

Catalog Number: H00000586-P01

Regulation Status: For research use only (RUO)

Product Description: Human BCAT1 full-length ORF (AAH33864, 1 a.a. - 320 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MDCSNGCSAECTGEGGSKEVVGTFKAKDLIVTPATILK
EKDPNNLVFGTVFTDHMLTVEWSSEFGWEKPHIKPL
QNLSLHPGSSALHYAVELFEGLKAFRGVDNKIRLFQPN
LNMDRMYSRAVRATLPVFDKEELLECIQQLVKLDQEW
VPYSTSASLYIRPTFIGTEPSLGVKKPTKALLFVLLSPV
GPYFSSGTFNPVSLWANPKYVRAWKGGTGDCKMGG
NYGSSLFAQCEAVDNGCQQVLWLYGEDHQITEVGTM
NLFLYWINEDGEEELATPPLDGILPGVTRRCILDLAHQ
WDELSLFSINLPDFLQFIYF
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 60.94

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 586

Gene Symbol: BCAT1

Gene Alias: BCT1, DKFZp686E12175, ECA39,

MECA39, PNAS-121, PP18

Gene Summary: 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. [provided by RefSeq]