

## Recombinant Human BCKDK Protein, GST-tagged

**Cat. No.** BCKDK-138H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human BCKDK full-length ORF ( AAH07363, 28 a.a. - 412 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 68.09 kDa                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | RARSTSATDTHHVEMARERSKTVTSFYNQSAIDAAAEKPSVRLTPTMMLYAGRSQD<br>GSHLLKSARYLQQELPVRIAHRIKGFRCLPFIIGCNPTILHVHELYIRAFQKLTDFFPIK<br>DQADEAQYCQLVRQLLDDHKDVVTLAEGLRSESRKHIEDEKLVRYFLDKTLTSRLGI<br>RMLATHHLALHEDKPDFVGIICTRLSPKKIIEKWVDFARRLCEHKYGNAPRVRINGHV<br>AARFPFIPMPLDYILPELLKNAMRATMESHLDTYPYNVPDVVITIANNDVDLIIRISDRGG<br>GIAHKDLDRVMDYHFTTAEASTQDPRISPLFGHLDMHSGAQSGPMHGFGLPTSR<br>AYAEYLGGSLQLQSLQGIGTDVYLRLRHIDGREESFRI |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                                                 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | BCKDK branched chain ketoacid dehydrogenase kinase [ Homo sapiens ]                                                                                                                                                                                            |
| <b>Official Symbol</b> | BCKDK                                                                                                                                                                                                                                                          |
| <b>Synonyms</b>        | BCKDK; branched chain ketoacid dehydrogenase kinase; [3-methyl-2-oxobutanoate dehydrogenase [lipoamide]] kinase, mitochondrial; BCKDHKIN; BCKD-kinase; branched chain alpha-ketoacid dehydrogenase kinase; branched-chain alpha-ketoacid dehydrogenase kinase; |
| <b>Gene ID</b>         | 10295                                                                                                                                                                                                                                                          |
| <b>mRNA Refseq</b>     | NM_001122957                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_001116429                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | O14874                                                                                                                                                                                                                                                         |

