

# Human BCKDHA Recombinant Protein



RPPB1439

## Product Information Protein Information

### Product SKU:

RPPB1439

### Accession:

P12694

### Host:

Escherichia Coli.

### Protein description:

BCKDHA Human Recombinant fused with a 21 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 421 amino acids (46-445 a.a.) and having a molecular mass of 47.8kDa. The BCKDHA is purified by proprietary chromatographic techniques.

### Appearance:

Sterile Filtered colorless solution.

### Synonyms:

2-oxoisovalerate dehydrogenase subunit alpha mitochondrial, Branched-chain alpha-keto acid dehydrogenase E1 component alpha chain, BCKDE1A, BCKDH E1-alpha, BCKDHA, MSU, MSUD1, OVD1A, FLJ45695.

### Formulation:

The BCKDHA solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 30% glycerol and 0.2M NaCl.

### Purity:

Greater than 80.0% as determined by SDS-PAGE.

### Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MSSLDDKPQF PGASAEFIDK LEFIQPNVIS GIPIYRVMDR QGQIINPSED  
PHLPKEKVLK LYKSMTLLNT MDRILYESQR QGRISFYMTN YGEEGTHVGS AAALDNTDLV FGQYREAGVL  
MYRDYPLELF MAQCYGNISD LGKGRQMPVH YGCKERHFVT ISSPLATQIP QAVGAAYAANK RANANRVVIC  
YFGEAAASEG DAHAGFNFAA TLECPIIFFC RNNGYAISTP TSEQYRGDGI AARGPGYGIM SIRVDGNDVF  
AVYNATKEAR RRAVAENQPF LIEAMTYRIG HHSTSDSSA YRSVDEVNYW DKQDHPISRL RHYLLSQGWW  
DEEQEKAWRK QSRRKVMEAF EQAERKPKPN PNLFFSDVYQ EMPAQLRKKQ ESLARHLQTY GEHYPLDHFDF K.