

# Product datasheet for TP760134

## MCEE (NM\_032601) Human Recombinant Protein

### **Product data:**

#### **Product Type: Recombinant Proteins Description:** Recombinant protein of human methylmalonyl CoA epimerase (MCEE), full length, with Nterminal HIS tag, expressed in E.Coli, 50ug Species: Human **Expression Host:** E. coli **Expression cDNA Clone** A DNA sequence encoding human full-length MCEE or AA Sequence: N-His Tag: Predicted MW: 18.7 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 115990 84693 Locus ID: **UniProt ID:** Q96PE7 **RefSeq Size:** 875 Cytogenetics: 2p13.3 **RefSeq ORF:** 528 Synonyms: GLOD2; MCE



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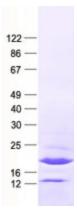
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Summary:The product of this gene catalyzes the interconversion of D- and L-methylmalonyl-CoA during<br/>the degradation of branched chain amino acids. odd chain-length fatty acids, and other<br/>metabolites. Mutations in this gene result in methylmalonyl-CoA epimerase deficiency, which<br/>is presented as mild to moderate methylmalonic aciduria. [provided by RefSeq, Jul 2008]

Protein Pathways: Metabolic pathways, Propanoate metabolism, Valine, leucine and isoleucine degradation

### **Product images:**

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