

# Product datasheet for AR09690PU-N

## MCEE (37-176, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	MCEE (37-176, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH SSGLVPRGSH M</u> QVTGSVWNL GRLNHVAIAV PDLEKAAAFY KNILGAQVSE AVPLPEHGVS VVFVNLGNTK MELLHPLGRD SPIAGFLQKN KAGGMHHICI EVDNINAAVM DLKKKKIRSL SEEVKIGAHG KPVIFLHPKD CGGVLVELEQ A
Tag:	His-tag
Predicted MW:	17.3 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 1 mM DTT, 0.1 mM PMSF, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MCEE protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 115990</u>
Locus ID:	84693
UniProt ID:	<u>Q96PE7</u>
Cytogenetics:	2p13.3
Synonyms:	GLOD2; MCE

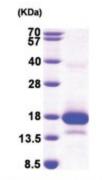


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	MCEE (37-176, His-tag) Human Protein – AR09690PU-N
Summary:	The product of this gene catalyzes the interconversion of D- and L-methylmalonyl-CoA during the degradation of branched chain amino acids. odd chain-length fatty acids, and other
	metabolites. Mutations in this gene result in methylmalonyl-CoA epimerase deficiency, which 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:**



15% SDS-PAGE (3ug)

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