

Product datasheet for **AR09690PU-N**

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

Product data:

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 MQVTGSVWNL GRLNHVAIAV PDLEKAAAFY KNILGAQVSE AVPLPEHGVS VVFNLGNTK MELLHPLGRD SPIAGFLQKN KAGGMHHICI EVDNINAAVM DLKKKKIRSL SEEVKIGAHG KPVIFLHPKD CGGVLVELEQ A</u>
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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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: