

Methylmalonyl CoA Epimerase Human Recombinant

Item Number	rAP-1084
Synonyms	GLOD2, Methylmalonyl CoA Epimerase, Glyoxalase Domain Containing 2, DL-methylmalonyl-CoA Racemase.
Description	MCEE produced in E.Coli is a single, non-glycosylated polypeptide chain containing 161 amino acids (37-176a.a.) and having a molecular mass of 17.3kDa. MCEE is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q96PE7
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MQVTGSVWNL GRLNHVAIAV PDLEKAAFY KNILGAQVSE AV- PLPEHGVS VVFVNGLNTK MELLHPLGRD SPIAGFLQKN KAGGMHHICI EVDNINAAMV DLKKKKIRSL SEEVKIGAHG KPVIFLHPKD CGGVLVELEQ A
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The MCEE protein solution (1mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 1mM DTT, 0.1mM PMSF and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**