

3-Hydroxymethyl-3-Methylglutaryl-CoA Lyase Human Recombinant

Item Number	rAP-1280
Synonyms	Hydroxymethylglutaryl-CoA lyase mitochondrial, HL, HMG-CoA lyase, 3-hydroxy-3-methylglutarate-CoA lyase, HMGCL.
Description	HMGCL Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 323 amino acids (28-325) and having a molecular mass of 34.2kDa. HMGCL is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P35914
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMTPK VKIVEVGPRD GLQNEKNIVS TPVKIKLIDM LSEAGLSVIE TTSFVSPKWV PQMGDHTEVL KGIQKFPGIN YPVLTPLNLKG FEAAVAAGAK EVVIFGAASE LFTKKNINCS IEESFQRFDA ILKAAQSANI SVRGYVSCAL GCPYEGKISP AKVAEVTKKF YSMGCYEISL GDTIGVGTPG IMKDMLSAVM QEVPPLAALAV HCHDTYGQAL ANTLMALQMG VSVVDSSVAG LGGCPYA-QGA SGNLATEDLV YMLEGGLIHT GVNLQKLLEA GNFICQALNR KTSSKVAQAT CKL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless 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 HMGCL solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% 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**