

RPPB1814

Product Information Protein Information

Product SKU:

RPPB1814

Accession:

P35914

Host:

Sf9, Baculovirus cells.

Protein description:

HMGCL Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 305 amino acids (28-325 a.a.) and having a molecular mass of 32.5kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). HMGCL is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

3-Hydroxymethyl-3-Methylglutaryl-CoA Lyase, 3-Hydroxymethyl-3-Methylglutaryl-Coenzyme A Lyase, 3-Hydroxy-3-Methylglutarate-CoA Lyase, Hydroxymethylglutaricaciduria, HMG-CoA Lyase, EC 4.1.3.4, HL, Mitochondrial 3-Hydroxy-3-Methylglutaryl-CoA Lyase, Hydroxymethylglutaryl-CoA Lyase, Mitochondrial, 3-Hydroxy-3-Methylglutaryl-CoA Lyase, Hydroxymethylglutaryl-CoA lyase, mitochondrial, HMG-CoA lyase, 3-hydroxy-3-methylglutarate-CoA lyase.

Formulation:

HMGCL protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4), 20% glycerol and 1mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

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.

Amino Acid Sequence:

MTLPKRVKIV EVGPRDGLQN EKNIVSTPVK IKLIDMLSEA GLSVIETTSF VSPKWVPQMG DHTEVLKGIQ
KFPGINYPVL TPNLKGFEAA VAAGAKEVVI FGAASELFTK KNINCSIEES FQRFDAILKA AQSANISVRG
YVSCALGCPY EGKISPAKVA EVTKKFYSMG CYEISLGDIT GVGTPGIMKD MLSAVMQEVP LAALAVHCHD
TYGQALANTL MALQMGVSVV DSSVAGLGGC PYAQGASGNL ATEDLVYMLE GLGIHTGVNL QKLEAGNFI
CQALNRKTSS KVAQATCKLH HHHHHH.