

Human MMACHC Recombinant Protein



RPPB3981

Product Information Protein Information

Product SKU:

RPPB3981

Accession:

Q9Y4U1

Host:

Escherichia Coli.

Protein description:

MMACHC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 306 amino acids (1-282 a.a) and having a molecular mass of 34kDa. MMACHC is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Methylmalonic aciduria and homocystinuria type C protein, MMACHC, cbIC, RP11-291L19.3.

Formulation:

MMACHC protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% 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:

MGSSHHHHHH SGLVPRGSH MGSHEPKVA ELKQIEDTL CPFGEVYYPF QVAWYNELLP PAFHLPLPGP
TLAFLVLSTP AMFDRALKPF LQSCHLRMLT DPVDQCVAYH LGRVRESLPE LQIEIADYE VHPNRRPKIL
AQTAHVAGA AYYYQRQDVE ADPWGNQRIS GVCIHPRFGG WFAIRGVVLL PGIEVPDLPP RKP HDCVPTR
ADRIALLEGF NFWWRDWTYR DAVTPQERYS EEQKAYFSTP PAQLRALLGL AQPSEKPSSP SPDLPFTTPA
PKKPGNPSRA RSWLSPRVSP PASPGP.