

Human MTHFS Recombinant Protein



RPPB1984

Product Information Protein Information

Product SKU:

RPPB1984

Accession:

P49914

Host:

Escherichia Coli.

Protein description:

MTHFS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 223 amino acids (1-203a.a.) and having a molecular mass of 25.4 kDa. MTHFS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

5,10-methenyltetrahydrofolate synthetase (5-formyltetrahydrofolate cyclo-ligase), HsT19268, Methenyl-THF synthetase, FLJ30410, EC 6.3.3.2.

Formulation:

The MTHFS protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0), 200mM NaCl, 5mM DTT and 30% glycerol.

Purity:

Greater than 95% 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 MAAAVSSAK RSLRGELKQR LRAMSAEERL RQSRVLSQKV IAHSYQKSK
RISIFLSMQD EIETEEIKD IFQRGKICFI PRYRFQSNHM DMVRIESPEE ISLLPKTSWN IPQPGEGDVR
EALSTGGLD LIFMPGLGFD KHGNRLGRGK GYYDAYLKRC LQHQEVKPYT LALAFKEQIC LQVPVNENDM
KVDEVLYEDS STA