

Human MTHSFD Recombinant Protein



RPPB4018

Product Information Protein Information

Product SKU:

RPPB4018

Accession:

Q2M296

Host:

Escherichia Coli.

Protein description:

MTHSFD Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 406 amino acids (1-383 a.a.) and having a molecular mass of 44.5kDa. MTHSFD is fused to a 23 amino acid His tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Methenyltetrahydrofolate synthase domain-containing protein, Methenyltetrahydrofolate synthase domaincontaining protein, Methenyltetrahydrofolate synthase

Formulation:

The MTHSFD solution (0.25mg/ml) contains 30% glycerol, 1mM DTT and Phosphate-Buffered Saline (pH 7.4).

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 SSSLVPRGSH MGSMEPRAVG VSKQDIREQI WGYMESQNLA DFPRPVHHRI PNFKGASHAA
EQLPRLQAFK TARTIKVNPD APQKSARFFV LESKKTLLVP TPRLRTGLFN KITPPPQATK DILRKCATSQ
GVRNYSVPIG LDSRVLVDLV VVGSVAVSEK GWRIGKGEY ADLEYAMMVS MGAVSKETPV VTIVHDCQV
DIPEELVEEH DITVDYILTP TRVIATGCKR PKPMGITWFK ISLEMMEKIP ILRSLRAREQ QAGKDVTLQG
EHQHLPEPGC QQTVPLSVGR RPPDTPGPET NSMEAAPGSP PEGAPLAAD VYVGNLPGDA RVSDLKRALR
ELGSVPLRLT WQGPRRRAFL HYPDSAAAQQ AVSCLQGLRL GTDTRLVALA RQQRDK