

Recombinant human MTHFSD protein

Catalog Number: ATGP2935

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-383aa

UniProt No.

Q2M296

NCBI Accession No.

NP_001152850

Alternative Names

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

PRODUCT SPECIFICATION

Molecular Weight

44.5 kDa (406aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid In. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

MTHFSD contains 1 RRM (RNA recognition motif) domain. Recombinant human MTHFSD protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMEPRAVG VSKQDIREQI WGYMESQNLA DFPRPVHHRI PNFKGASHAA EQLPRLQAFK TARTIKVNPDP APQKSARFFV LESKKTLLVP TPRLRTGLFN KITPPPGATK DILRKCATSQ GVRNYSVPIG LDSRVLVDLV

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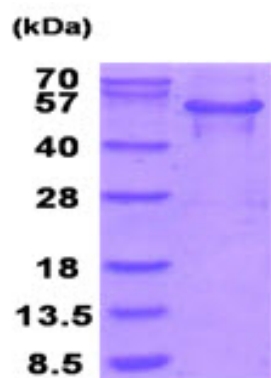
VVGSVAVSEK GWRIGKGEGY ADLEYAMMVS MGAVSKETPV VTIVHDCQVV DIPEELVEEH DITVDYILTP TRVIATGCKR
PKPMGITWFK ISLEMMEKIP ILRSLRAREQ QAGKDVTLQG EHQHLPEPGC QQTVPLSVGR RPPDTPGPET NSMEAAPGSP
PGEGAPLAAD VYVGNLPGDA RVSDLKRALR ELGSVPLRLT WQGPRRRAFL HYPDSAAAQ AVSCLQGLRL GTDTRLVALA
RQQRDK

General References

Martin J., et al. (2004) Nature 432:988-994.

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)