

# Human MTHFD2 Recombinant Protein



RPPB1983

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## Product Information    Protein Information

**Product SKU:**

RPPB1983

**Accession:**

P13995

**Host:**

Escherichia Coli.

**Protein description:**

MTHFD2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 344 amino acids (30-350) and having a molecular mass of 37.2kDa. MTHFD2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Bifunctional methylenetetrahydrofolate dehydrogenase/cyclohydrolase, mitochondrial, NAD-dependent methylenetetrahydrofolate dehydrogenase, Methenyltetrahydrofolate cyclohydrolase, NMDMC, MTHFD2.

**Formulation:**

The MTHFD2 solution (1mg/ml) contains Phosphate buffered saline (pH7.4), 20% glycerol and 1mM DTT.

**Purity:**

Greater than 95.0% 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 MGSAAVRNE AVVISGRKLA QQIKQEVQRQE VEEWVASGNK RPHLSVILVG  
ENPASHSYVL NKTRAAAVVG INSETIMKPA SISEEELLNL INKLNDDNV DGLLVQLPLP EHIDERRICN  
AVSPDKVDVG FHVINVGRMC LDQYSMLPAT PWGVWEIIR TGIPTLGKNV VVAGRSKNVG MPIAMLLHTD  
GAHERPGGDA TVTISHRYTP KEQLKKHTIL ADIVISAAGI PNLITADMIK EGAAVIDVGI NRVHDPVTAK  
PKLVGDVDFE GVRQKAGYIT PVPGGVGPMT VAMLMKNTII AAKKVLRLLEE REVLKSKELG VATN.