

MTHFSD, 1-383aa, Human, His tag, E.coli

Cat.NO.: TP03044

3th Edition

Synonyms: Methenyltetrahydrofolate synthase domain-containing protein, Methenyltetrahydrofolate synthase

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.

Form: Liquid. In 20mM Phosphate buffer saline (pH 8.0) containing 30% glycerol, 1mM DTT

Molecular Weight: 44.5 kDa (406aa) confirmed by MALDI-TOF

Sequences:

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MGSSHHHHHSSGLVPRGSHMGSMEPRAVGVSKQDIREQIWGYMESQNLADFPRPVHHRIPNFKGASHAAEQLP
RLQAFKTARTIKVNPDPQKSARFFVLESKKTLLVPTPRLRTGLFNKITPPPGATKDILRKCATSQGVNYSVPIGLD
SRVLVDLVVVGSAVSEKGWIRIGKGEYADLEYAMMVSMGAVSKETPVVTIVHDCQVVDIPEELVEEHDTVDYILT
PTRVIATGCKRPKPMGITWFKISLEMMEKIPIRLSLRAREQQAGKDVTLQGEHQHLPEPGCQQTVPLSVGRRPPDT
PGPETNSMEAAPGSPGEGAPLAADVYVGNLPGDARVSDLKRALRELGSVPLRLTWQGP RRRAFLHYPD SAAAQ
QAVSCLQGLRLGTDTLRVALARQQRDK
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Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.