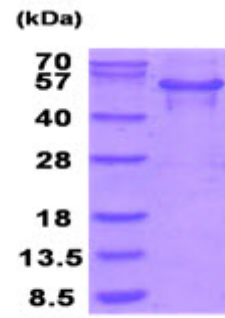


AR51755PU-N**Human MTHFSD (1-383, His-tag) - Purified**

Alternate names:	FLJ12998, FLJ13893, Methenyltetrahydrofolate synthetase domain-containing protein
Quantity:	0.5 mg
Concentration:	0.25 mg/ml (determined by Bradford assay)
Background:	MTHFSD contains 1 RRM (RNA recognition motif) domain.
Uniprot ID:	Q2M296
NCBI:	NP_001152850
GeneID:	64779
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Phosphate buffer saline (pH 8.0) containing 30% glycerol, 1mM DTT.
Description:	Recombinant human MTHFSD protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMEPRAVG VSKQDIREQI WGYMESQNLA DFRPVPVHRI PNFKGASHAA EQLPRLQAFK TARTIKVNPDP APQKSARFFV LESKKTLLVP TPRLRTGLFN KITPPPGATK DILRKCATSQ GVRNYSVPIG LDSRVLVDLV VVGSVAVSEK GWRIGKGEY ADLEYAMMVS MGAVSKETPV VTIVHDCQVV DIPEELVEEH DITVDYILTP TRVIATGCKR PKPMGITWFK ISLEMMEKIP ILRSLRAREQ QAGKDVTLQG EHQHLPEPGC QQTVPLSVGR RPPDTPGPET NSMEAAPGSP PEGAPLAAD VYVGNLPGDA RVSDLKRALR ELGSVPLRLT WQGP RRRAFL HYPDSAAAQQ AVSCLQGLRL GTDTRLVALA RQQRDK Molecular weight: 44.5 kDa (406aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Martin J., et al. (2004) Nature 432:988-994.

Pictures:



15% SDS-PAGE (3ug)