# Methenyltetrahydrofolate Synthase Domain-Containing Protein (MTHFSD) Bovine Recombinant Protein

## PRODUCT OVERVIEW

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| **Product Name** | Methenyltetrahydrofolate synthase domain-containing protein (MTHFSD), Recombinant Protein |
| **Full Product Name** | Recombinant Bovine Methenyltetrahydrofolate synthase domain-containing protein (MTHFSD) |
| **Product Gene Name** | MTHFSD recombinant protein |
| **Product Synonym Gene Name** | MTHFSD |
| **Sequence** | MEPRAGVSKQ DIREQIWDYM ESQNLADFPR PVHHRIPNFK GASRAAEHFP RLQAFKMART IKVNPDAPQK NARFFVLESK KTLLVPTPRL RTGLFNKITP PPGATKDILR KCATSQGVRN YSTPVGLDSK VLVDLVVVGS VAVSEKGWRI GKGEGYADLE YAMMVSMGAV SQGTPVVTIV HDCQVVDIPE ALLEDHDLTV DYILTPTRVI TTGCERPKPA GIAWSKISCE MLGKMPILRS LRHQEEQAGK DVTLRDGPRS PPGATRSPRD LAPPELGSVP LSSVQIGNLP RDARVSELKR ALSALGVAPS RLTWQGPQHG AFLHYRDPAE AQQAIACLQG FRLGANTVRV VLARQQRASD LVGSHTAEPL PDHQPAIAGP |
| **Host** | E Coli or Yeast or Baculovirus or Mammalian Cell |
| **Form/Format** | Lyophilized or liquid (Format to be determined during the manufacturing process) |
| **Purity/Purification** | Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific) |
| **Preparation and Storage** | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended. |
| **Molecular Weight** | 41,483 Da |
| **Sequence Positions** | 1-380, full length protein |
| **Tag Information** | This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information. |
| **Sterility** | Sterile filter available upon request. |
| **Endotoxin** | Low endotoxin available upon request. |
| **3D Structure** | ModBase 3D Structure for Q2KI24 |
| **Species** | Bovine |
| **ISO Certification** | Manufactured in an ISO 9001:2015 Certified Laboratory. |
| **Related Product Information for MTHFSD recombinant protein** | MBS1384161 is a recombinant protein targeting MTHFSD. Also known as Recombinant Bovine Methenyltetrahydrofolate synthase domain-containing protein (MTHFSD). Host: E Coli or Yeast or Baculovirus or Mammalian Cell. |
| **Other Notes** | Small volumes of MTHFSD recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply. |

## ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for MTHFSD. It may not necessarily be applicable to this product.

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| **NCBI GI #** | 114051317 |
| **NCBI GeneID** | 509897 |

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| **NCBI Accession #** | NP_001039507.1 |
| **UniProt Primary Accession #** | Q2KI24 |
| **UniProt Related Accession #** | Q2KI24 |
| **GenBank Nucleotide #** | NM_001046042.1 |
| **NCBI Official Full Name** | methenyltetrahydrofolate synthase domain-containing protein |
| **NCBI Official Synonym Full Names** | methenyltetrahydrofolate synthetase domain containing |
| **NCBI Official Symbol** | MTHFSD |
| **UniProt Protein Name** | Methenyltetrahydrofolate synthase domain-containing protein |
| **Protein Family** | Methenyltetrahydrofolate synthase domain-containing protein |
| **UniProt Gene Name** | MTHFSD |
| **NCBI Protein Information** | methenyltetrahydrofolate synthase domain-containing protein |
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