

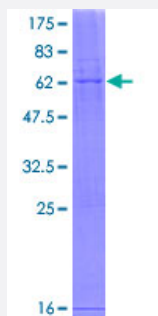
Full-Length

MTFMT (Human) Recombinant Protein (P01)

Catalog # H00123263-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human MTFMT full-length ORF (NP_640335.1, 1 a.a. - 304 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPSPSPKGLPVKQYAVQSQLPVYEWPDVGSGEYDVGVVASFGRLLNEALILKFPYGILNVHPSCLP
PRWRGPAPVIHTVLHGDTVGTIMQIRPKRFDVGPIKQETVPVPPKSTAKELEAVLSRLGANMLI
SVLKNLPESLSNGRQQPMEGATYAPKISAGTSCIKWEEQTSEQIFRLYRAIGNIPLQTLWMANTIKL
LDLVEVNSSVLADPKLTGQALIPGSVIYHKQSQILLVYCKDGWIGVRSVMLKKSLTATDFYNGYLHP
WYQKNSQAQPSQCRFQTLRLPTKKKQKKTVAMQQCIE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

60.2

Interspecies Antigen Sequence

Mouse (86); Rat (84)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — MTFMT

Entrez GeneID[123263](#)**GeneBank Accession#**[NM_139242.2](#)**Protein Accession#**[NP_640335.1](#)**Gene Name**

MTFMT

Gene Alias

FMT1

Gene Description

mitochondrial methionyl-tRNA formyltransferase

Gene Ontology[Hyperlink](#)**Gene Summary**

mitochondrial

Other Designations

methionyl-tRNA formyltransferase, mitochondrial

Pathway

- [Aminoacyl-tRNA biosynthesis](#)
- [One carbon pool by folate](#)