

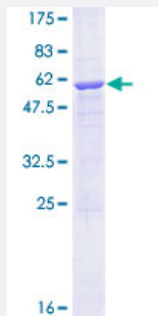
Full-Length

METTL1 (Human) Recombinant Protein (P01)

Catalog # H00004234-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human METTL1 full-length ORF (NP_005362.1, 1 a.a. - 276 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAETRNVAGAEAPPPQKRYRQRAHSNPMADHTLRYPVKPEEMDWSELYPEFFAPLTQNSH
DDPKDKKEKRAQAQVEFADIGCGYGGLLVLSPLFPDTLILGLEIRVKVSDYVQDRIRALRAAPAG
GFQNIACLRSNAMKHLNFFYKGQLTKMFFLPDPHFKRTKHKWRIISPTLLAEYAYVLRVGGLVYT
ITDVLELHDWMCTHFEEHPLFERVPLEDLSQDPVVGHLGTSTEEGKKVLRNGGKNFPAIFRRIQD
PVLQAVTSQTSPLPGH

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.9

Interspecies Antigen Sequence

Mouse (91); Rat (91)

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 — METTL1

Entrez GeneID[4234](#)**GeneBank Accession#**[BC000550.1](#)**Protein Accession#**[NP_005362.1](#)**Gene Name**

METTL1

Gene Alias

C12orf1, FLJ95748, TRM8, YDL201w

Gene Description

methyltransferase like 1

Omim ID[604466](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is similar in sequence to the *S. cerevisiae* YDL201w gene. The gene product contains a conserved S-adenosylmethionine-binding motif and is inactivated by phosphorylation. Alternative splice variants encoding different protein isoforms have been described for this gene. A pseudo gene has been identified on chromosome X. [provided by RefSeq]

Other Designations

D1075-like gene product|OTTHUMP00000196422|methyltransferase-like 1|methyltransferase-like protein 1

Disease

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- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypercalcemia](#)
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