

Recombinant Mouse Mettl21c Protein, His-tagged

Cat. No. Mettl21c-1774M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Mettl21c Protein (Met1-Glu248) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Glu248
Description	Enables protein-lysine N-methyltransferase activity. Involved in protein methylation. Acts upstream of or within cellular response to hormone stimulus; regulation of release of sequestered calcium ion into cytosol by sarcoplasmic reticulum; and skeletal muscle tissue development. Predicted to be located in nucleus. Predicted to be part of protein-containing complex. Predicted to be active in cytosol. Is expressed in alimentary system; diaphragm; genitourinary system; skeletal muscle; and skin. Orthologous to human METTL21C (methyltransferase 21C, AARS1 lysine).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 31.6 kDa Accurate Molecular Mass: 32 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Mettl21c methyltransferase like 21C [<i>Mus musculus</i> (house mouse)]
Official Symbol	Mettl21c
Synonyms	Mettl21c; methyltransferase like 21C; A530098C11Rik; protein-lysine methyltransferase METTL21C; methyltransferase-like protein 21C
Gene ID	433294
mRNA Refseq	NM_001013799
Protein Refseq	NP_001013821
UniProt ID	Q8BLU2

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