

Recombinant Mouse Mettl21a Protein, Myc/DDK-tagged

Cat. No. Mettl21a-4044M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length methyltransferase like 21A (Mettl21a), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Protein-lysine methyltransferase that selectively trimethylates residues in heat shock protein 70 (HSP70) family members. Contributes to the in vivo trimethylation of Lys residues in HSPA1 and HSPA8. In vitro methylates 'Lys-561' in HSPA1, 'Lys-564' in HSPA2, 'Lys-585' in HSPA5, 'Lys-563' in HSPA6 and 'Lys-561' in HSPA8.
Molecular Mass	24.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Mettl21a methyltransferase like 21A [<i>Mus musculus</i> (house mouse)]
Official Symbol	Mettl21a
Synonyms	METTL21A; methyltransferase like 21A; methyltransferase-like protein 21A; family with sequence similarity 119, member A; Fam119a; AI464204; 2310038H17Rik
Gene ID	67099
mRNA Refseq	NM_025964
Protein Refseq	NP_080240
UniProt ID	Q9CQL0

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