Product datasheet for TP502463

Mettl21a (NM_025964) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse methyltransferase like 21A (Mettl21a), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR202463 protein sequence Red=Cloning site Green=Tags(s) MALVPYEESAAIGLQKFHKPLATFSFANHTIQIRQDWRQLGVAAVVWDAAVVLSMYLEMGAVELRGCSAV ELGAGTGLVGIVAALPGAQVTITDRKVALEFLKSNVEANLPPHIQPKAVVKELTWGQNLESFSPGEFDLI LGADVIYLEDTFTDLLQTLGHLCSNNSVILLACRIRYERDSNFLTMLERQFTVSKVHYDPEKDVHIYKAQ KRNQREDL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_080240
Locus ID:	67099
UniProt ID:	Q9CQL0
RefSeq Size:	2666

View online »

Cytogenetics:	1 C2
RefSeq ORF:	657
Synonyms:	2310038H17Rik; AI464204; Fam119a
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]