

Product datasheet for **TP510110**

Mettl13 (NM_144877) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse EEF1A lysine and N-terminal methyltransferase (Eef1aknmt), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210110 protein sequence Red =Cloning site Green =Tags(s)
	MNLLPKSSKEFGSADYWEKFFQQRGKTAFEWYGTYLELCEVLHKYIKPKEKVLVIGCGNSELSEQLYDVG YQDIVNIDISEVIKQMKERNNGSRPHMSFLKMDMTQLEFPDATFQVVLDDKGLDAVLTDEEEVTLRQVD RMLAEVGRVLQVGGRYLCISLAQAHLKKAHVHFSREGWMVRAHQVASSQDRVSEAEPRFSLPVFAFVMT KFRPVPGSALQIFELCTQEKGKPVRLAESADQLAEAVRERQYYAWLCSQLRRKAGLGSVSLDLCSGDTGEP RYTLHVVDNPAVKPSRDNHFAIFIIPQGRETEWLFGMEEGRKQLAASAGFRRLVTVALHRGQRYAGMESI QAELSARVMELAPAGLPPQQQVPFLSVGGDIGVRTVQHGDHSALSGDYVIEDVQGEDRWYFRRLIFLSNR NVVQSEARLLKDTSHRAQKKRKKDRKKQRPADTSEDFPPAPGQSIDKSYLCCCEHHKAMVAGLALLRNPEL LLETPLTLLVGLGGGSLPLFVHDHFPKSRIDAVEIDPTMLEVATQWFGFSQSDRMKVHIADGLDYITSL AGEAPPHYDVIMFDVDSKDPDLGMSCPPPAFVDQVFLQVKVLSILCHDGVFILNLVCRDVRLLKDSVLAGLK AAFPLLYVRRIEGEVNEILFCQLHPEQKLATPELLEMAQVLERTLRKPGQGWDPTYVLSMLKTVKIV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	78.8 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.



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RefSeq:	NP_659126
Locus ID:	71449
UniProt ID:	Q91YR5
RefSeq Size:	2801
Cytogenetics:	1 H2.1
RefSeq ORF:	2094
Synonyms:	5630401D24Rik
Summary:	Dual methyltransferase that catalyzes methylation of elongation factor 1-alpha (EEF1A1 and EEF1A2) at two different positions, and is therefore involved in the regulation of mRNA translation. Via its C-terminus, methylates EEF1A1 and EEF1A2 at the N-terminal residue 'Gly-2'. Via its N-terminus dimethylates EEF1A1 and EEF1A2 at residue 'Lys-55'. [UniProtKB/Swiss-Prot Function]