

Product datasheet for **TP505631**

Polr2m (NM_001164793) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polymerase (RNA) II (DNA directed) polypeptide M (Polr2m), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR205631 protein sequence Red =Cloning site Green =Tags(s)
	MFSLPRGFEPAPEDLGRQSSAELRERLRQERLLRNEKFICKLPDKGKKISDTVAKLKAAISEREEVGR RSELFHPVSVDCCKLRQKATTRADTDVDKAQSSDLMLDTSSLVPCSSIDIKSSKSTSETQGPTHLTHRGN EETLEAGYTVNSSPAHIRARAPSSVEKHELPPQHSVSSQEEEEISSIDSLFITKLQKITIADQSEPEEN TSTENFPELQSETPKKPHYMKVLEMRARNPVPPPHKFKTNVLPQQSDSPSHCQRGQSPASSEERRRRAR QHLDDITAARLLPLHHLPAQLLSIEESLALQREQKQNYEEMQAKLAAQKLAERLNIMQSYNPEGESSGR YREVRDEADAQSSDEC
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	41.2 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_001158265
Locus ID:	28015
UniProt ID:	Q6P6I6



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RefSeq Size:	2189
Cytogenetics:	9 39.85 cM
RefSeq ORF:	1101
Synonyms:	AA407243; AA408799; AI303746; AW553238; D9Wsu138e; Grinl1a; mKIAA4185
Summary:	Isoform 1 appears to be stable component of the Pol II(G) complex form of RNA polymerase II. Pol II synthesizes mRNA precursors and many functional non-coding RNAs and is the central component of the basal RNA polymerase II transcription machinery. Isoform 1 may play a role in Mediator-dependent regulation of transcription activation. Isoform 1 acts in vitro as negative regulator of transcriptional activation; this repression is relieved by the Mediator complex, which restores Pol II(G) activator-dependent transcription to a level equivalent to that of Pol II (By similarity).[UniProtKB/Swiss-Prot Function]