

Product datasheet for TP500671

Polr1d (NM_181730) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polymerase (RNA) I polypeptide D (Polr1d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200671 protein sequence Red=Cloning site Green=Tags(s)
	MEDDQELERKAIEELLKEAKRGKTRAETMGPMGWMKCPLAGTNKRFLINTIKNTLPSHKEQDHEQKEGSK EPGKSQDQKEASGKKYRSHSYKRSLHSSRGSAGCSPPRKRTSRTSGDKCDPRPSRR
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	14.9 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_859419
Locus ID:	20018
UniProt ID:	Q9D1M1
RefSeq Size:	1147
Cytogenetics:	5 G3
RefSeq ORF:	381



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Synonyms: 16kD; 1110003G10Rik; AC19; mRP; RPA16; Rpo; Rpo1-3

Summary: This gene encodes an RNA polymerase subunit that is a component of both the RNA polymerase I and RNA polymerase III complexes. RNA polymerase I is associated with transcription of pre-ribosomal RNAs, while RNA polymerase III is associated with transcription of small RNAs. Pseudogenes of this gene have been defined on chromosomes 4 and 6. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2013]