

## Product datasheet for **TP507725**

### Polr1e (BC034783) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse polymerase (RNA) I polypeptide E (cDNA clone MGC:35831 IMAGE:4022372), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207725 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MAALESPPGMDDQAGDTETEALQSARWLYCGEPDDRQKAVLVQFSNGKLQNPQDMRFTLYNSTDLVNPRQR          SHRIVAAETDRLSYVGNFNGTALKCNALCRHFGILNKTSQMEVYDAELFNMQPLFAGMGTEVIKLG          QHLYLLAFCQPSKNLAEAGDLLSRHRQGHCIALLDDDAIEREPLENQNKTRDKLSDSCIEAFGSKQ          KRSLNSRRMNKVGSESLNLSVAKAAESIIDTKGVNALVSDAMQDDLQYDALYLPPCYADAAKPEDVYRFE          DILSPAEDALEPSEAFRKVTSSEDLKMIIEENSHCSYVIEMLKSLPIDEVHRNRQARSIWFLDALIRFR          AQKVIKGRALGPGIPHIINTKLLKQFTCLTYNNGRLQNLISSSMRAKITSYAIILALHINNFDLTLAL          QKDLKLEKRIIEIAKAMRLKISKQKVSLADGREESHRLGTLVPLPPAQNSDRQSKRRKMN</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	54.1 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.
Locus ID:	64424
UniProt ID:	<a href="#">Q8K202</a>



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RefSeq Size: 1757

Cytogenetics: 4 B1

RefSeq ORF: 1446

Synonyms: 53kDa; AU042259; D030019D19Rik; Paf53; Praf1

**Summary:** DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF.[UniProtKB/Swiss-Prot Function]