

## Product datasheet for **TP308651M**

### **POLR1H (NM\_170783) Human Recombinant Protein**

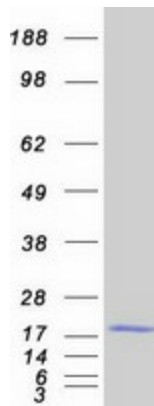
#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human zinc ribbon domain containing 1 (ZNRD1), transcript variant a, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC208651 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MSVMDLANTCSSFQSDLDLFCSDCGSVLPLPGAQDTVTCIRCGFNINVRDFEGKVKTSWVFHQLGTAMPM SVEEGPECQGPVDRRCPRCGHEGMAYHTRQMRSADGQTVFYTCNCKFQEKEDS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	13.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_740753</a>
<b>Locus ID:</b>	30834
<b>UniProt ID:</b>	<a href="#">Q9P1U0</a> , <a href="#">Q2L6J2</a>
<b>RefSeq Size:</b>	885



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<b>Cytogenetics:</b>	6p22.1
<b>RefSeq ORF:</b>	378
<b>Synonyms:</b>	A12.2; HTEX-6; HTEX6; hZR14; Rpa12; tctex-6; TCTEX6; TEX6; ZNRD1; ZR14
<b>Summary:</b>	This gene encodes a DNA-directed RNA polymerase I subunit. The encoded protein contains two potential zinc-binding motifs and may play a role in regulation of cell proliferation. The encoded protein may be involved in cancer and human immunodeficiency virus progression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]
<b>Protein Families:</b>	Transcription Factors
<b>Protein Pathways:</b>	Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

**Product images:**

Coomassie blue staining of purified ZNRD1 protein (Cat# [TP308651]). The protein was produced from HEK293T cells transfected with ZNRD1 cDNA clone (Cat# [RC208651]) using MegaTran 2.0 (Cat# [TT210002]).