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Product datasheet for TP308651

POLR1H (NM_170783) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human zinc ribbon domain containing 1 (ZNRD1), transcript variant a, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208651 protein sequence Red=Cloning site Green=Tags(s) MSVMDLANTCSSFQSDLDFCSDCGSVLPLPGAQDTVTCIRCGFNINVRDFEGKVVKTSVVFHQLGTAMPM SVEEGPECQGPVVDRRCPRCGHEGMAYHTRQMRSADEGQTVFYTCTNCKFQEKEDS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	13.7 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_740753
Locus ID:	30834
UniProt ID:	Q9P1U0, Q2L6J2
RefSeq Size:	885

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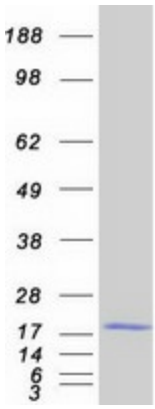
Cytogenetics:	6p22.1
RefSeq ORF:	378
Synonyms:	A12.2; HTEX-6; HTEX6; hZR14; Rpa12; tctex-6; TCTEX6; TEX6; ZNRD1; ZR14
Summary:	This gene encodes a DNA-directed RNA polymerase I subunit. The encoded protein contains two potential zinc-binding motifs and may play a role in regulation of cell proliferation. 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]
Protein Families:	Transcription Factors
Protein Pathways:	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]).