

## Product datasheet for **TP300650L**

### **POLR2H (NM\_006232) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polymerase (RNA) II (DNA directed) polypeptide H (POLR2H), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200650 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAGILFEDIFDVKDIDPEGKKFDRVSRRLHCESESFKMDLILDVNIQIYPVDLGDKFRFVIASTLYEDGTL  
DDGEYNPTDDRPSRADQFEYVMYGKVIKRIEGDETSTEATRSLAYVSYGGLLMRLQGDANNLHGFVDSR  
VYLLMKKLAFL

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	17 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:	<a href="#">NP_006223</a>
Locus ID:	5437
UniProt ID:	<a href="#">P52434</a>



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RefSeq Size: 1264

Cytogenetics: 3q27.1

RefSeq ORF: 450

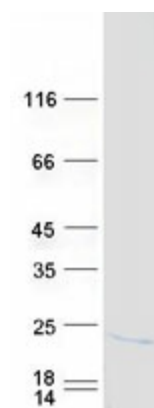
Synonyms: RPABC3; RPB8; RPB17

**Summary:** The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene. [provided by RefSeq, Jul 2013]

**Protein Families:** Transcription Factors

**Protein Pathways:** Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

### Product images:



Coomassie blue staining of purified POLR2H protein (Cat# [TP300650]). The protein was produced from HEK293T cells transfected with POLR2H cDNA clone (Cat# [RC200650]) using MegaTran 2.0 (Cat# [TT210002]).