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Product datasheet for TP320730

POLR2J2 (POLR2J3) (NM_001097615) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human polymerase (RNA) II (DNA directed) polypeptide J3 (POLR2J3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220730 representing NM_001097615 Red=Cloning site Green=Tags(s) MNAPPAFESFLLFEGEKITINKDTKVPNACLFTMNKEDHTLGNIIKSQLLKDPQVLFAGYKVPHPLEHKI IIRVQTTPDYSPQEAFTNAITDLISELSLLEERFRTCLLPLRLLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.9 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
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_001091084
Locus ID:	548644
UniProt ID:	Q9GZM3
RefSeq Size:	1680

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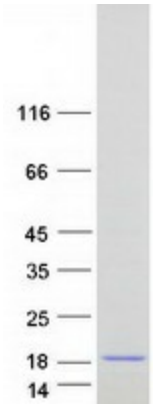
Cytogenetics:	7q22.1
RefSeq ORF:	345
Synonyms:	POLR2J2; RPB11b1; RPB11b2
Summary:	This gene is a member of the RNA polymerase II subunit 11 gene family, which includes three genes in a cluster on chromosome 7q22.1 and a pseudogene on chromosome 7p13. The founding member of this family, DNA directed RNA polymerase II polypeptide J, has been shown to encode a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This locus produces multiple, alternatively spliced transcripts that potentially express isoforms with distinct C-termini compared to DNA directed RNA polymerase II polypeptide J. Most or all variants are spliced to include additional non-coding exons at the 3' end which makes them candidates for nonsense-mediated decay (NMD). Consequently, it is not known if this locus expresses a protein or proteins in vivo. [provided by RefSeq, Jul 2008]
Protein Pathways:	Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images:



Coomassie blue staining of purified POLR2J3 protein (Cat# TP320730). The protein was produced from HEK293T cells transfected with POLR2J3 cDNA clone (Cat# [RC220730]) using MegaTran 2.0 (Cat# [TT210002]).