Recombinant Human POLR2J3 Protein, MYC/DDK-tagged

Cat. No. POLR2J3-2453H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR2J3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	12.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	POLR2J3 polymerase (RNA) II (DNA directed) polypeptide J3 [Homo sapiens]
Official Symbol	POLR2J3
Synonyms	POLR2J2; RPB11b1; RPB11b2
Gene ID	548644
mRNA Refseq	NM_001097615
Protein Refseq	NP_001091084
UniProt ID	Q9GZM3

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