

Recombinant Human POLR2J3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POLR2J3-5216H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POLR2J3 MS Standard C13 and N15-labeled recombinant protein (NP_001091084) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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.
Molecular Mass	12.9 kDa
AA Sequence	MNAPPAFESFLLFEGEKITINKDTKVPNACLFTMNKEDHTLGNIKSQLLKDPQVLFAG YKVPHPLEHKIIIRVQTTDPDYSPQEAFTNAITDLISELSLEERFRTCLLPLRLLPTRTRP LEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

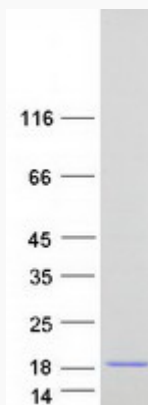
GENE INFORMATION

Gene Name	POLR2J3 RNA polymerase II subunit J3 [Homo sapiens (human)]
Official Symbol	POLR2J3
Synonyms	POLR2J3; polymerase (RNA) II (DNA directed) polypeptide J3; POLR2J2; RPB11b1; RPB11b2; DNA-directed RNA polymerase II subunit RPB11-b2; RNA polymerase II subunit B11-b2; DNA-directed RNA polymerase II subunit 11; DNA-directed RNA polymerase II subunit J3
Gene ID	548644
mRNA Refseq	NM_001097615
Protein Refseq	NP_001091084
UniProt ID	Q9GZM3

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SDS-PAGE

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