Recombinant Human POLR2C, T7-tagged

Cat. No. POLR2C-3055H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR2C was produced in*E.coli*with a T7 tag at N-terminus. MW = 31441 Da (1-275 aa).
Species	Human
Source	E.coli
ProteinLength	1-275 a.a.
Description	DNA-directed RNA polymerase II subunit RPB3 is an enzyme that in humans is encoded by the POLR2C gene. This gene encodes the third largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene contains a cysteine rich region and exists as a heterodimer with another polymerase subunit, POLR2J. These two subunits form a core subassembly unit of the polymerase. A pseudogene has been identified on chromosome 21.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3.
Purity	95%.
Applications	MS. SDS.

GENE INFORMATION

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Gene Name	POLR2C polymerase (RNA) II (DNA directed) polypeptide C, 33kDa [Homo sapiens]
Synonyms	POLR2C; polymerase (RNA) II (DNA directed) polypeptide C, 33kDa; RPB3; RPB31; hRPB33; hsRPB3; DNA-directed RNA polymerase II subunit RPB3; RPB33; RNA polymerase II subunit 3; RNA polymerase II subunit B3; DNA-directed RNA polymerase II subunit C; DNA-directed RNA polymerase II 33 kDa polypeptide; EC 2.7.7.6; polymerase (RNA) II (DNA directed) polypeptide C (33kD)
Gene ID	5432
mRNA Refseq	NM_032940
Protein Refseq	NP_116558
MIM	180663
UniProt ID	P19387
Chromosome Location	16q13-q21
Pathway	Huntington"s disease; Metabolic pathways; Purine metabolism; Pyrimidine metabolism; RNA polymerase
Function	DNA binding; DNA-directed RNA polymerase activity; protein dimerization activity; contributes_to protein kinase activity

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