

Recombinant Human POLR2C, His-tagged

Cat. No. POLR2C-1841H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR2C protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	58-275aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	POLR2C polymerase (RNA) II (DNA directed) polypeptide C, 33kDa [Homo sapiens]
Official Symbol	POLR2C
Synonyms	POLR2C; polymerase (RNA) II (DNA directed) polypeptide C, 33kDa; polymerase (RNA) II (DNA directed) polypeptide C (33kD); DNA-directed RNA polymerase II subunit RPB3; RNA polymerase II subunit 3; RPB3; RPB33; RNA polymerase II subunit B3; DNA-directed RNA polymerase II subunit C; DNA-directed RNA

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	polymerase II 33 kDa polypeptide; RPB31; hRPB33; hsRPB3;
Gene ID	5432
mRNA Refseq	NM_032940
Protein Refseq	NP_116558
MIM	180663
UniProt ID	P19387
Chromosome Location	16q13-q21
Pathway	Abortive elongation of HIV-1 transcript in the absence of Tat, organism-specific biosystem; DNA Repair, organism-specific biosystem; Disease, organism-specific biosystem; Dual incision reaction in TC-NER, organism-specific biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem; Formation of HIV-1 elongation complex containing HIV-1 Tat, organism-specific biosystem; Formation of HIV-1 elongation complex in the absence of HIV-1 Tat, organism-specific biosystem;
Function	DNA binding; DNA-directed RNA polymerase activity; protein dimerization activity; contributes_to protein kinase activity;