

Recombinant Human POLR2G, His-tagged

Cat. No. POLR2G-1845H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR2G protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-172aa
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	POLR2G polymerase (RNA) II (DNA directed) polypeptide G [Homo sapiens]
Official Symbol	POLR2G
Synonyms	POLR2G; polymerase (RNA) II (DNA directed) polypeptide G; DNA-directed RNA polymerase II subunit RPB7; hRPB19; hsRPB7; RPB7; RNA polymerase II subunit B7; RNA polymerase II 19 kDa subunit; RNA polymerase II seventh subunit; DNA-directed RNA polymerase II subunit G; DNA directed RNA polymerase II 19 kda

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	polypeptide; DNA-directed RNA polymerase II 19 kDa polypeptide; RPB19; MGC138367; MGC138369;
Gene ID	5436
mRNA Refseq	NM_002696
Protein Refseq	NP_002687
MIM	602013
UniProt ID	P62487
Chromosome Location	11q13.1
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-directed RNA polymerase activity; RNA binding; contributes_to protein kinase activity;