

Recombinant Human POLR2F

Cat. No. POLR2F-30687TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human POLR2F with proprietary tag, amino acids 1-127.
Species	Human
Source	E.coli
ProteinLength	1-127 a.a.
Description	This gene encodes the sixth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes, that is also shared by the other two DNA-directed RNA polymerases. In yeast, this polymerase subunit, in combination with at least two other subunits, forms a structure that stabilizes the transcribing polymerase on the DNA template.
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 20mM Tris Cl, 100mM Potassium chloride, 1mM DTT, 0.2mM EDTA, pH 8.0
Storage	Shipped on dry ice. Upon delivery aliquot and store at -20oC. Avoid freeze / thaw cycles.
Full Length	Full L.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	POLR2F polymerase (RNA) II (DNA directed) polypeptide F [Homo sapiens]
Official Symbol	POLR2F
Synonyms	POLR2F; polymerase (RNA) II (DNA directed) polypeptide F; DNA-directed RNA polymerases I, II, and III subunit RPABC2; DNA directed RNA polymerase II 14.4 kda polypeptide; HRBP14.4; RPB6;
Gene ID	5435
mRNA Refseq	NM_021974
Protein Refseq	NP_068809
MIM	604414
Uniprot ID	P61218
Chromosome Location	22q13.1
Pathway	Abortive elongation of HIV-1 transcript in the absence of Tat, organism-specific biosystem; Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; DNA Repair, organism-specific biosystem; Dual incision reaction in TC-NER, organism-specific biosystem;
Function	DNA binding; DNA-directed RNA polymerase activity; contributes_to protein kinase activity;

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