

## Product datasheet

# Recombinant Human POLR2F protein ab180291

1 Image

### Description

<b>Product name</b>	Recombinant Human POLR2F protein
<b>Purity</b>	> 95 % SDS-PAGE. purified by using conventional chromatography techniques.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P61218</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMUSDNEDN FDGDDFDDVE EDEGLDDLEN AEEEGQENVE ILPSGERPQA NQKRITTPYM TKYERARVLG TRALQIAMCA PVMVELEGET DPLLIAMKEL KARKIPIIIR RYLPDGSYED WGVDELIITD
<b>Predicted molecular weight</b>	17 kDa including tags
<b>Amino acids</b>	1 to 127
<b>Tags</b>	His tag N-Terminus

### Specifications

Our **Abpromise guarantee** covers the use of **ab180291** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	Mass Spectrometry SDS-PAGE
<b>Mass spectrometry</b>	MALDI-TOF
<b>Form</b>	Liquid

### Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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pH: 8.00

Constituents: 0.32% Tris HCl, 0.88% Sodium chloride, 0.02% DTT, 20% Glycerol (glycerin, glycerine)

## General Info

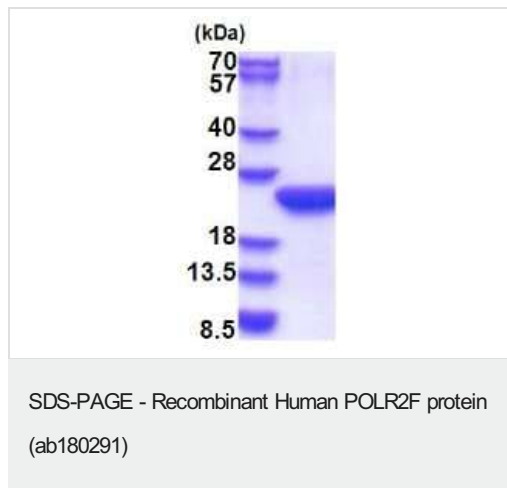
### Relevance

POLR2F belongs to the archaeal rpoK/eukaryotic RPB6 RNA polymerase subunit family and is the sixth largest subunit of RNA polymerase II. This polymerase, along with two other DNA-directed RNA polymerases, is responsible for synthesizing messenger RNA in eukaryotes. Three distinct zinc-containing RNA polymerases are found in eukaryotic nuclei: polymerase I for the ribosomal RNA precursor, polymerase II for the mRNA precursor, and polymerase III for 5S and tRNA genes. Each class of RNA polymerase is assembled from 9 to 15 different polypeptides. 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.

### Cellular localization

Nuclear

## Images



15% SDS-PAGE (3µg)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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