

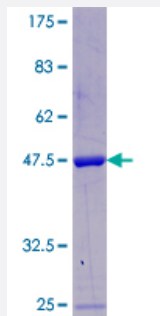
Full-Length

POLR2F (Human) Recombinant Protein (P01)

Catalog # H00005435-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POLR2F full-length ORF (NP_068809.1, 1 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSDNEDNFDGDDFDDVEEDEGLDDLENAEEEGQENVEILPSGERPQANQKRITTPYMTKYERAR VLGTRALQIAMCAPVMVELEGETDPLLIAMKELKARKIPIIIRRYLPDGSYEDWGVDELITD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.9
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — POLR2F

Entrez GeneID	5435
GeneBank Accession#	NM_021974.2
Protein Accession#	NP_068809.1
Gene Name	POLR2F
Gene Alias	HRBP14.4, POLRF, RPABC2, RPB14.4, RPB6
Gene Description	polymerase (RNA) II (DNA directed) polypeptide F
Omim ID	604414
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	DNA directed RNA polymerase II 14.4 kda polypeptide DNA directed RNA polymerase II polypeptide F RNA Polymerase II subunit 14.4 kD

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)

- [Pyrimidine metabolism](#)
- [RNA polymerase](#)

Disease

- [Urinary Bladder Neoplasms](#)