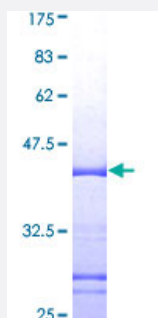


POLR2F (Human) Recombinant Protein (Q01)

Catalog # H00005435-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POLR2F partial ORF (AAH03582, 28 a.a. - 127 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AEEEGQENVEILPSGERPQANQKRITTPYMTKYERARVLGTRALQIAMCAPVMVELEGETDPLLIA MKELKARKIPIIIRRYLPDGSYEDWGVDELIITD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
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# [BC003582](#)

Protein Accession# [AAH03582](#)

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](#)