

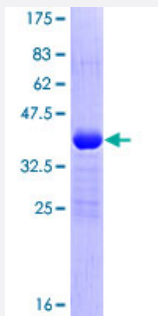
Full-Length

POLR2I (Human) Recombinant Protein (P01)

Catalog # H00005438-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POLR2I full-length ORF (NP_006224.1, 1 a.a. - 125 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MEPDGTYEPGFVGIRFCQECNNMLYPKEDKENRILLYACRNCDYQQEADNSCIYVNKITHEVDELT QIIADVSQDPTLPRTEDHPCQKCGHKEAVFFQSHSARAEDAMRLYYVCTAPHCGHRWTE
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 — POLR2I

Entrez GeneID	5438
GeneBank Accession#	NM_006233.4
Protein Accession#	NP_006224.1
Gene Name	POLR2I
Gene Alias	RPB9, hRPB14.5
Gene Description	polymerase (RNA) II (DNA directed) polypeptide I, 14.5kDa
Omim ID	180662
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit, in combination with two other polymerase subunits, forms the DNA binding domain of the polymerase, a groove in which the DNA template is transcribed into RNA. The product of this gene has two zinc finger motifs with conserved cysteines and the subunit does possess zinc binding activity. [provided by RefSeq]
Other Designations	DNA directed RNA polymerase II polypeptide I polymerase (RNA) II (DNA directed) polypeptide I (14.5kD)

Pathway

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

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