

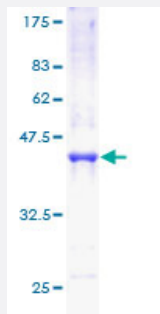
Full-Length

POLR2D (Human) Recombinant Protein (P01)

Catalog # H00005433-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POLR2D full-length ORF (AAH17205, 1 a.a. - 142 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAAGGSDPRAGDVEEDASQLIFPKGFETAETLLNSEVHMLLEHRKQQNESAEDEQELSEVFMK TLNYTARFSRFKNRETIASVRSLLLQKKLHKFELACLANLCPETAESKALIPSLEGRFEDEELQQI LDDIQTKR SFQY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	41.36
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 — POLR2D

Entrez GeneID [5433](#)

GeneBank Accession# [BC017205](#)

Protein Accession# [AAH17205](#)

Gene Name POLR2D

Gene Alias HSRBP4, HSRPB4, RBP4

Gene Description polymerase (RNA) II (DNA directed) polypeptide D

Omim ID [606017](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the fourth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. In yeast, this polymerase subunit is associated with the polymerase under suboptimal growth conditions and may have a stress protective role. A sequence for a ribosomal pseudogene is contained within the 3' untranslated region of the transcript from this gene. [provided by RefSeq]

Other Designations DNA directed RNA polymerase II polypeptide D|RNA polymerase II subunit hsRBP4

Pathway

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

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

Disease

- [Urinary Bladder Neoplasms](#)