

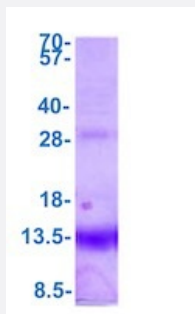
Full-Length

POLR2K (Human) Recombinant Protein

Catalog # P7742

Size 250 ug

Applications



SDS-PAGE analysis of POLR2K (Human) Recombinant Protein

Specification

Product Description	Human POLR2K (NP_005025, 1 a.a. - 58 a.a) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHHSSGLVPRGSHMGSMQTQKDVQPPKQQPMYCGECHTENEIKSRDPIRCRECGY RIMYKKRTKRLVVFAR
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	9.4
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Concentration	0.5mg/mL
Purity	> 85% by SDS-PAGE
Quality Control Testing	3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain. SDS-PAGE analysis of POLR2K (Human) Recombinant Protein
Recommend Usage	SDS-PAGE The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (1 mM DTT, 10% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — POLR2K

Entrez GeneID[5440](#)**Protein Accession#**[P53803](#)**Gene Name**

POLR2K

Gene Alias

ABC10-alpha, RPABC4, RPB10alpha, RPB12, RPB7.0, hRPB7.0, hsRPB10a

Gene Description

polymerase (RNA) II (DNA directed) polypeptide K, 7.0kDa

Omim ID[606033](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. [provided by RefSeq]

Other Designations

DNA directed RNA polymerase II polypeptide K|DNA directed RNA polymerases I, II, and III 7.0 kDa polypeptide|polymerase (RNA) II (DNA directed) polypeptide K (7.0kD)

Pathway

- [Metabolic pathways](#)
- [Purine metabolism](#)
- [Pyrimidine metabolism](#)
- [RNA polymerase](#)

Disease

- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Urinary Bladder Neoplasms](#)