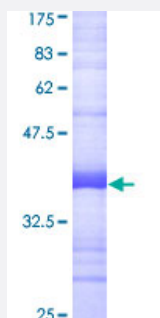


POLR3D (Human) Recombinant Protein (Q01)

Catalog # H00000661-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human POLR3D partial ORF (-, 296 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GQVVLKQEKDREAKLAENACTLADLTEGQVGKLLIRKSGRVQLLLGKVTLDTMTGTACSFLLQEL VSVGLGDSRTGEMTVLGHVKKHLVCSPDFESLLDH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (95); Rat (94)
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 — POLR3D

Entrez GeneID	661
GeneBank Accession#	BC000516
Protein Accession#	=
Gene Name	POLR3D
Gene Alias	BN51T, RPC4, RPC53, TSBN51
Gene Description	polymerase (RNA) III (DNA directed) polypeptide D, 44kDa
Omim ID	187280
Gene Ontology	Hyperlink
Gene Summary	This gene complements a temperature-sensitive mutant isolated from the BHK-21 Syrian hamster cell line. It leads to a block in progression through the G1 phase of the cell cycle at nonpermissive temperatures. [provided by RefSeq]
Other Designations	BN51 (BHK21) temperature sensitivity complementing polymerase (RNA) III (DNA directed) polypeptide D temperature sensitive complementation, cell cycle specific, tsBN51

Pathway

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

- [RNA polymerase](#)