

Recombinant Human POLR3F protein, His-tagged

Cat. No. POLR3F-1851H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR3F protein(1-316 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-316 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MAEVKVKVQPPDADPVEIENRIELCHQFPHGITDQVIQNEMPHIEAQQRAVAINRLLS MGQLDLLRSNTGLLYRIKDSQNAGKMKGSDNQEKLVYQIIEDAGNKGIWSRDIRYKS NLPLTEINKILKNLESKKLIKAVKSVAASKKKVYMLYNLQPDRSVTGGAWYSDQDFES EFVEVLNQCFKFLQSKAETARESKQNPMIQRNSSFASSHEVWKYICELGISKVELS MEDIETILNTLIYDGKVEMTIIAAKEGTVGSDGHMKLYRAVNPIIPTGLVRAPCGLC PVFDDCHEGGEISPSNCIYMTEWLEF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

POLR3F polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa [Homo sapiens]

Official Symbol

POLR3F

Synonyms

POLR3F; polymerase (RNA) III (DNA directed) polypeptide F, 39 kDa; polymerase (RNA) III (DNA directed) polypeptide F (39 kDa); DNA-directed RNA polymerase III subunit RPC6; RNA polymerase III C39 subunit; RPC6; RPC39; RNA polymerase III subunit C6; RNA polymerase III 39 kDa subunit; DNA-directed RNA polymerase III subunit F; DNA-directed RNA polymerase III 39 kDa polypeptide; DNA-directed RNA polymerases III 39 kDa polypeptide; MGC13517;

Gene ID

10621

mRNA Refseq

NM_006466

Protein Refseq

NP_006457

UniProt ID

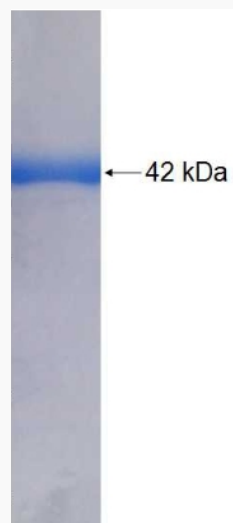
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SDS-PAGE



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