Recombinant Human POLR3E protein, His-tagged

Cat. No. POLR3E-6764H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR3E protein(1-350 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na_2HPO_4, 17 mM NaH_2PO_4, 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MANEEDDPVVQEIDVYLAKSLAEKLYLFQYPVRPASMTYDDIPHLSAKIKPKQQKVEL EMAIDTLNPNYCRSKGEQIALNVDGACADETSTYSSKLMDKQTFCSSQTTSNTSRY AAALYRQGELHLTPLHGILQLRPSFSYLDKADAKHREREAANEAGDSSQDEAEDDV KQITVRFSRPESEQARQRRVQSYEFLQKKHAEEPWVHLHYYGLRDSRSEHERQYLL CPGSSGVENTELVKSPSEYLMMLMPPSQEEEKDKPVAPSNVLSMAQLRTLPLADQI KILMKNVKVMPFANLMSLLGPSIDSVAVLRGIQKVAMLVQGNWVVKSDILYPKDSSS PHSGVPAEVLC
Purity	90%, 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,

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	reconstitution with sterile water and addition of an equal volume of glycerol. Avoid 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	POLR3E polymerase (RNA) III (DNA directed) polypeptide E (80kD) [Homo sapiens]
Official Symbol	POLR3E
Synonyms	POLR3E; polymerase (RNA) III (DNA directed) polypeptide E (80kD); DNA-directed RNA polymerase III subunit RPC5; FLJ10509; RPC5; SIN; RNA polymerase III subunit C5; RNA polymerase III 80 kDa subunit RPC5; DNA-directed RNA polymerase III 80 kDa polypeptide;
Gene ID	55718
mRNA Refseq	NM_001258033
Protein Refseq	NP_001244962
UniProt ID	Q9NVU0

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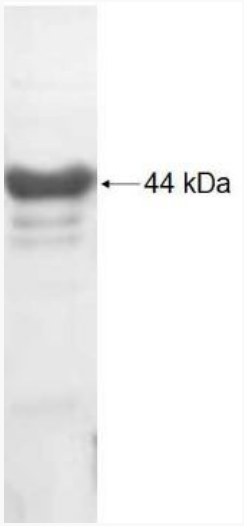
SDS-PAGE



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