

Recombinant Human POLR3D, His-tagged

Cat. No. POLR3D-1850H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human POLR3D protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	45-398aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	POLR3D polymerase (RNA) III (DNA directed) polypeptide D, 44kDa [Homo sapiens]
Official Symbol	POLR3D
Synonyms	POLR3D; polymerase (RNA) III (DNA directed) polypeptide D, 44kDa; BN51 (BHK21) temperature sensitivity complementing , BN51T; DNA-directed RNA polymerase III subunit RPC4; RPC4; TSN51; RPC53 homolog; RNA polymerase III subunit C4;

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	RNA polymerase III 47 kDa subunit; DNA-directed RNA polymerase III subunit D; BN51 (BHK21) temperature sensitivity complementing; DNA-directed RNA polymerase III 47 kDa polypeptide; temperature sensitive complementation, cell cycle specific, tsBN51; BN51T; RPC53;
Gene ID	661
mRNA Refseq	NM_001722
Protein Refseq	NP_001713
UniProt ID	P05423
Chromosome Location	8q21
Pathway	Cytosolic DNA-sensing pathway, organism-specific biosystem; Cytosolic DNA-sensing pathway, conserved biosystem; Eukaryotic Transcription Initiation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem; Purine metabolism, conserved biosystem;
Function	DNA binding; DNA-directed RNA polymerase activity;