

Recombinant Human POLR3D

Cat. No. POLR3D-30686TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 296-395 of Human POLR3D with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	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.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino	GQVVLIKQEKDREAKLAENACTLADLTEGQVGKLLIRKSGRVQLLL GKVTLDVTMG T

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

acids ACSFLQELVSVGLGDSRTGEMTVLGHVKHKLVCSPDFESLLDH

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; TSBN51;

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; Metabolic pathways, organism-specific biosystem; Purine metabolism, organism-specific biosystem;

Function DNA binding; DNA-directed RNA polymerase activity;

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