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	GQVVLIKQEKDREAKLAENACTLADLTEGQVGKLLIRKSGRVQLLLGKVTLDVTMGT

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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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