Recombinant Human POLR2L, His-tagged

Cat. No. POLR2L-3056H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HumanPOLR2L (1-67 aa) is expressed in*E.Coli*with a His tag at N-terminus.
Species	Human
Source	E.coli
ProteinLength	1-67 a.a.
Description	POLR2L is a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The protein contains four conserved cysteines characteristic of an atypical zinc-binding domain. Like its counterpart in yeast, this subunit may be shared by the other two DNA-directed RNA polymerases.
MW	7645 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100.0.002% NaN3. 10mM DTT.
Application	MS. SDS.

GENE INFORMATION

Gene Name	POLR2L polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa [Homo sapiens]

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Synonyms	POLR2L; polymerase (RNA) II (DNA directed) polypeptide L, 7.6kDa; RBP10; RPB10; RPABC5; RPB7.6; hRPB7.6; hsRPB10b; RPB10beta; DNA directed RNA polymerase II polypeptide L; EC 2.7.7.6
Gene ID	5441
mRNA Refseq	NM_021128
Protein Refseq	NP_066951
MIM	601189
UniProt ID	P62875
Chromosome Location	11p15
Pathway	Huntington"s disease; Metabolic pathways; Purine metabolism; Pyrimidine metabolism; Gene Expression; HIV Infection; Regulatory RNA pathways; Transcription; mRNA Processing
Function	DNA binding; DNA-directed RNA polymerase activity; metal ion binding; protein kinase activity; zinc ion binding

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