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POLR3F, 1-316aa, Human, His tag, E.coli

产品货号: TP03468

第三版

别名:DNA-directed RNA polymerase III subunit RPC6, RPC39, RPC6

描述:POLR3F, also known as RPC39 and RPC6, belongs to the eukaryotic RPC34/RPC39 RNA polymerase subunit family. POLR3F is one of more than a dozen subunits forming eukaryotic RNA polymerase III (RNA Pol III), which transcribes 5S ribosomal RNA and tRNA genes. This protein has been shown to bind both TFIIIB90 and TBP, two subunits of RNA polymerase III transcription initiation factor IIIB (TFIIIB). It is DNA-dependent RNA polymerase that catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Recombinant human POLR3F protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 30% glycerol, 1mM DTT

分子量:38.1kDa (339aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSM AEVKVKVQPPDADPVEIENRIIELCHQFPHGITDQVIQNEMPHIEAQQRAVAIN
RLLSMGQLDLLRSNTGLLYRIKDSQNAGKMKGSDNQEKL VYQIIEDAGNKGIWSRDIRYKSNLPLTEINKILKNLESKLIKA
VKSVAASKKKVYMLYNLQPDRSVTGGAWYSDQDFESEFVEVLNQQCFKFLQSKAETARESKQNPMIQRNSSFASSHEVW
KYICELGISKVELSMEDIETILNNTLIYDGK VEMTIIAAKEGTVGSVDGHMKLYRAVNPPIIPTGLVRAPCGLCPVFDDCHEG
GEISPSNCIYMTEWLEF

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储:+4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.