

POLR2K, 1-58aa Human, His tag, E.coli

Cat.NO.: TP03467

3th Edition

Synonyms:DNA-directed RNA polymerases I, II, and III subunit RPABC4, ABC10-alpha, hRPB7.0, hsRPB10a, RPABC4, RPB10alpha, RPB12, RPB7.0

Description:POLR2K is one of the smallest subunits of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases. Recombinant human POLR2K protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

Molecular Weight:9.4 kDa (81aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMQTQKDVQPPKQQPMIYICGECHTENEIKSRDPIRCRECGYRIMYKKRTRKRL
VVFDAR

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.