

POLR2H, 1-150aa, Human His tag, E.coli

Cat.NO.: TP03462

3th Edition

Synonyms:DNA-directed RNA polymerases I, II, and III subunit RPABC3 , hsRPB8, RPABC3, RPB17, RPB8

Description:POLR2H is one of the essential subunits of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Recombinant human POLR2H protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:19.5 kDa (173aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMAGILFEDIFDVKDIDPEGKKFDRVSRHCESESFKMDLILDVNIQIYPVDLGD
KFRLVIASLTLYEDGTLDDGEYNPTDDRPSRADQFEYVMYGKVYRIEGDETSTEAAATRLSAYVSYGGLLMRLQGDAN
NLHGFEVDSRVYLLMKKLAFL

Purity:> 95% by HPLC

Concentration:1mg/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.