

AR50567PU-N

Human POLR2J2 (1-115, His-tag) - Purified

Alternate names:	DNA-directed RNA polymerase II subunit J2, DNA-directed RNA polymerase II subunit RPB11-b1, RNA polymerase II subunit B11-b1, RPB11, RPB11b1
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	DNA-directed RNA polymerase II subunit RPB11-b2, also known as POLR2J3, belongs to the eukaryotic RPB11 RNA polymerase subunit family. POLR2J (DNA-directed RNA polymerase II subunit J) exist as three variants POLR2J1 (RPB11-a), POLR2J2 (RPB11-b1), and POLR2J3 (RPB11-b2). POLR2J3 is DNA-dependent RNA polymerases that catalyze the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates.
Uniprot ID:	Q9GZM3
NCBI:	NP_001091084.2
GeneID:	246721
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 1mM DTT
Description:	Recombinant human POLR2J3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMNAPP AF ESLLFEGEK ITINKDTKVP NACLFTINKE DHTLGNIKS QLLKDPQVLF AGYKVPHPLE HKIIRVQTT PDYSPQEAF NAITDLISEL SLLEERFRTC LLPLRLLP Molecular weight: 15.5 kDa (138aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Palangat M., et al. (2004) J Mol Biol. 341:429-442 Uivari A., et al. (2006) Nat Struct Mol Biol. 13: 49-54.

Pictures:

