OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AR50598PU-N

POLR2J (1-117, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	POLR2J (1-117, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMNAPPAF ESFLLFEGEK KITINKDTKV PNACLFTINK EDHTLGNIIK SQLLKDPQVL FAGYKVPHPL EHKIIIRVQT TPDYSPQEAF TNAITDLISE LSLLEERFRV AIKDKQEGIE
Tag:	His-tag
Predicted MW:	15.7 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 40% glycerol, 5 mM DTT, and 2 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human POLR2J protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_006225
Locus ID:	5439
UniProt ID:	P52435
Cytogenetics:	7q22.1
Synonyms:	hRPB14; POLR2J1; RPB11; RPB11A; RPB11m

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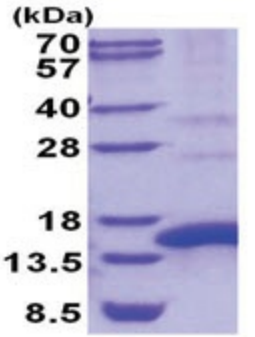
Summary: This gene encodes a subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. The product of this gene exists as a heterodimer with another polymerase subunit; together they form a core subassembly unit of the polymerase. Two similar genes are located nearby on chromosome 7q22.1 and a pseudogene is found on chromosome 7p13. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: Huntington's disease, Metabolic pathways, Purine metabolism, Pyrimidine metabolism, RNA polymerase

Product images:



15% SDS-PAGE (3ug)