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Datasheet for ABIN1609970

## POLR2A/RPB1 Protein (AA 1-467) (His tag)

### Overview

Quantity:	1 mg
Target:	POLR2A/RPB1 (POLR2A)
Protein Characteristics:	AA 1-467
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR2A/RPB1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	AGTGCDFLLL DAEKCKYGME IPTNIPGLGA AGRSGMTPGA AGFSPSAASD ASGFSPGYSP AWSPTPGSPG SPGPSSPYIP SPGGAMSPSY SPTSPAYEPR SPGGYTPQSP SYSPTSPSYS PTSPSYSPTS PNYSPTSPSY SPTSPSYSPT SPSYSPTSPS YSPTSPSYSP TSPSYSPTSP SYSPTSPSYS PTSPSYSPTS PSYSPTSPSY SPTSPSYSPT SPSYSPTSPS YSPTSPSYSP TSPNYSPTSP NYTPTSPSYS PTSPSYSPTS PNYTPTSPNY SPTSPSYSPT SPSYSPTSPS YSPSSPRYTP QSPTYTPSSP SYSPSSPSYS PTSPKYTPTS PSYSPSSPEY TPTSPKYSPT SPKYSPTSPK YSPTSPTYSP TTPKYSPTSP TYSPTSPVYT PTSPKYSPTS PTYSPTSPKY SPTSPTYSTP SPKGSTYSPT SPGYSPTSPT YSLTSPAISP DDSDEEN
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: POLR2A/RPB1 (POLR2A)

Alternative Name: DNA-directed RNA polymerase II subunit RPB1 (POLR2A) ([POLR2A Products](#))

Background: Recommended name: DNA-directed RNA polymerase II subunit RPB1.  
Short name= RNA polymerase II subunit B1.  
EC= 2.7.7.6.  
Alternative name(s): DNA-directed RNA polymerase II subunit A DNA-directed RNA polymerase III largest subunit

UniProt: [P11414](#)

Pathways: [Regulatory RNA Pathways](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.