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Datasheet for ABIN1635761  
**POLR2F Protein (AA 2-127) (His tag)**

### Overview

Quantity:	1 mg
Target:	POLR2F
Protein Characteristics:	AA 2-127
Origin:	Orang-Utan
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR2F protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	SDNEDNFDG DDFDDVEEDE GLDDLENAEE EGQENVEILP SGERPQANQK RITTPYMTKY ERARVLGTRA LQIAMCAPVM VELEGETDPL LIAMKELKAR KIPIIIRRYL PDGSYEDWGV DELIITD
Specificity:	Pongo abelii (Sumatran orangutan)
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.
Purity:	> 90 %

### Target Details

Target:	POLR2F
Alternative Name:	DNA-directed RNA polymerases I, II, and III subunit RPABC2 (POLR2F) ( <a href="#">POLR2F Products</a> )

## Target Details

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Background: Recommended name: DNA-directed RNA polymerases I, II, and III subunit RPABC2.  
Short name= RNA polymerases I, II, and III subunit ABC2.  
Alternative name(s): DNA-directed RNA polymerase II subunit F RPB6 homolog

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UniProt: [Q5R592](#)

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Pathways: [Regulatory RNA Pathways](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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

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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.

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