

Datasheet for ABIN1510287

POLR1C Protein (AA 1-348) (His tag)



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Overview

Quantity:	1 mg
Target:	POLR1C
Protein Characteristics:	AA 1-348
Origin:	Schizosaccharomyces pombe
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR1C protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAAVDRSRTE ISVLSDRVTD VGSVDFPGYY FDEDNIWDLD KFKKNLKVSI TSLDQETMVF EISGIDASIA NAFRRILIAE IPTLAFEFVY IINNTSIIQD EVLSHRIGLV PISADPDMFK WFQHPLPGQE ATHTDYDTVV FSLNKKCEFN KNAATDEKDP KRLYVNSEVY SGDLIWKPGQ RQEERFADNP IRVVNPDIIV AKLRPGQEID LEAHAILGIG QDHAKFSPVA TASYRLLPTI HILSPIEGED AVKFQKCFPK GVIELEEGPD GKKQARVADV RKDTVSRCL RHPEFADKVQ LGRVRDHLYF SVESTGIMKP DVLFKSIIV LKSKCLAVKS SLQNISSD
Specificity:	Schizosaccharomyces pombe (strain 972 / ATCC 24843) (Fission yeast)
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:	POLR1C
Alternative Name:	DNA-directed RNA polymerases I and III subunit RPAC1 (rpc40) (POLR1C Products)
Background:	<p>Recommended name: DNA-directed RNA polymerases I and III subunit RPAC1.</p> <p>Short name= RNA polymerases I and III subunit AC1.</p> <p>Alternative name(s): DNA-directed RNA polymerases I and III 40 kDa polypeptide.</p> <p>Short name= AC40 RPC39</p>
UniProt:	O94616

Application Details

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