Datasheet for ABIN1478271

# POLR1C Protein (AA 2-335) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | POLR1C |
| Protein Characteristics: | AA 2-335 |
| Origin: | Saccharomyces cerevisiae |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This POLR1C protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | SNIVGIEYN RVTNTTSTDF PGFSKDAENE WNVEKFKKDF EVNISSLDAR EANFDLINID TSIANAFRRI MISEVPSVAA EYVYFFNNTS VIQDEVLAHR IGLVPLKVDP DMLTWVDSNL PDDEKFTDEN TIVLSLNVKC TRNPDAPKGS TDPKELYNNA HVYARDLKFE PQGRQSTTFA DCPVVPADPD ILLAKLRPGQ EISLKAHCIL GIGGDHAKFS PVSTASYRLL PQINILQPIK GESARRFQKC FPPGVIGIDE GSDEAYVKDA RKDTVSREVL RYEEFADKVK LGRVRNHFIF NVESAGAMTP EEIFFKSVRI LKNKAEYLKN CPITQ |
| Specificity: | Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers yeast) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | > 90 % |

## Target Details

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| Target: | POLR1C |
| Alternative Name: | DNA-directed RNA polymerases I and III subunit RPAC1 (RPC40) (POLR1C Products) |
| Background: | Recommended name: DNA-directed RNA polymerases I and III subunit RPAC1.<br>Short name= RNA polymerases I and III subunit AC1.<br>Alternative name(s): C37 DNA-directed RNA polymerases I and III 40 kDa polypeptide.<br>Short name= AC40.<br>Short name= C40 |
| UniProt: | P07703 |

## 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 modificated 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

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| 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. |