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Datasheet for ABIN1478025

POLR2G Protein (AA 1-171) (His tag)

Overview

| | |
|-------------------------------|-----------------------------------------------|
| Quantity: | 1 mg |
| Target: | POLR2G |
| Protein Characteristics: | AA 1-171 |
| Origin: | Saccharomyces cerevisiae |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This POLR2G protein is labelled with His tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence: | MFFIKDLSLN ITLHPSFFGP RMKQYLKTKL LEEVEGSCTG KFGYILCVLD YDNIDIQRGR ILPTDGSAEF NVKYRAVVFK PFKGEVVDGT VVSCSQHGFE VQVGPMKVFV TKHLMPQDLT FNAGSNPPSY QSSEDEVITIK SRIRVKIEGC ISQVSSIHAI GSIKEDYLGA I |
| Specificity: | Saccharomyces cerevisiae (strain ATCC 204508 / S288c) (Bakers 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: | POLR2G |
| Alternative Name: | DNA-directed RNA polymerase II subunit RPB7 (RPB7) (POLR2G Products) |

Target Details

Background: Recommended name: DNA-directed RNA polymerase II subunit RPB7.
Short name= RNA polymerase II subunit B7.
Alternative name(s): B16

UniProt: [P34087](#)

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

Storage: -20 °C

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