

Datasheet for ABIN7585598

POLR3D Protein (AA 1-422) (His tag)



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Overview

Quantity:	100 µg
Target:	POLR3D
Protein Characteristics:	AA 1-422
Origin:	Saccharomyces cerevisiae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR3D protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSSNKGNGRL PSLKDSSSNG GGSAPSLKF KPKAVARKSK EEREAAASKV KLEESKRGNG DKKHFNKNK RVTGAGGQQR RMAKYLNNTN VISSGPLAAG NFVSEKGLR RGFIKSEGS SSLVQKGLET IDNGAESSN EAEDDDNEGV ASKSKKKFNM GKEFEARNLI EDEDDGESEK SSDVIDMDDEE WRSKRIEQLF PVRPVRVRHE DVETVKREIQ EALSEKPTRE PTPSVKTEPV GTGLQSYLEE RERQVNEKLA DLGLEKEFQS VDGKEAAAEL ELLNADHQHI LRKLKMMNNK PERFMVFQLP TRLPAFERPA VKEEKEDMET QASDPSKSKK NIKKKDTKDA LSTRELAGKV GSIRVHKSGK LSVKIGNVVM DIGKGAETTF LQDVIALSIA DDASSAELLG RVDGKIVVTP QI
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:	POLR3D
Alternative Name:	DNA-directed RNA polymerase III subunit RPC4 (RPC53) (POLR3D Products)
Background:	Recommended name: DNA-directed RNA polymerase III subunit RPC4. Short name= RNA polymerase III subunit C4. Alternative name(s): C53 DNA-directed RNA polymerase III 47 kDa polypeptide
UniProt:	P25441

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 modiflicated 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.