

Datasheet for ABIN5710125

POLR3K Protein (AA 1-108, full length) (His-SUMO Tag)



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1 Image

Overview

Quantity:	100 µg
Target:	POLR3K
Protein Characteristics:	full length, AA 1-108
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR3K protein is labelled with His-SUMO Tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MLLFCPGCGN GLIVEEGQRC HRFACNTCPY VHNITRKVTN RKYPKLKEVD DVLGGAAAW NVDSTAESCP KCEHPRAYFM QLQTRSADEP MTFYKCCNA QCGHRWRD
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	POLR3K
Alternative Name:	RPC10 (POLR3K Products)
Background:	DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting

Target Details

infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as tplate for transcription into dsRNA. The non-self RNA polymerase III transcripts, such as Epstein-Barr virus-encoded RNAs (EBERs) induce type I interferon and NF- Kappa-B through the RIG-I pathway .

Molecular Weight: 28.3 kDa

UniProt: [Q9Y2Y1](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

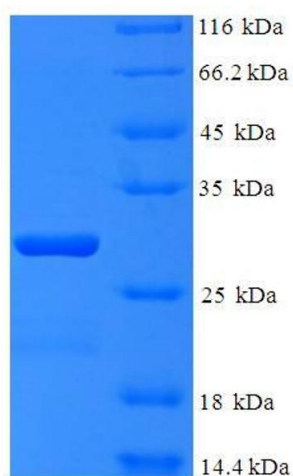
Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C,4 °C,-20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.