

Datasheet for ABIN1098477 **POLR2E Protein (His tag)**



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1 Image

Overview

Quantity:	100 µg
Target:	POLR2E
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR2E protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purification:	purified by chromatography
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	POLR2E
Alternative Name:	POLR2E (POLR2E Products)

Background: POLR2E, also as known as DNA-directed RNA polymerases I, II, and III subunit RPABC1, belongs to the archaeal RpoH/eukaryotic RPB5 RNA polymerase subunit family. POLR2E is the fifth largest subunit of RNA polymerase II, the polymerase responsible for synthesizing messenger RNA in eukaryotes. This subunit is shared by the other two DNA-directed RNA polymerases and is present in two-fold molar excess over the other polymerase subunits. POLR2E is a DNA-dependent RNA polymerase that catalyzes the transcription of DNA into RNA using the four

Target Details

ribonucleoside triphosphates as substrates. Recombinant human POLR2E protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 27.1kDa (233aa), confirmed by MALDI-TOF

NCBI Accession: [NP_002686](#)

Pathways: [Regulatory RNA Pathways](#)

Application Details

Comment: Synonyms: DNA-directed RNA polymerases I, II, and III subunit RPABC1, hRPB25, hsRPB5, RPABC1, RPB5, XAP4

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 10% glycerol, 1 MM DTT

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images

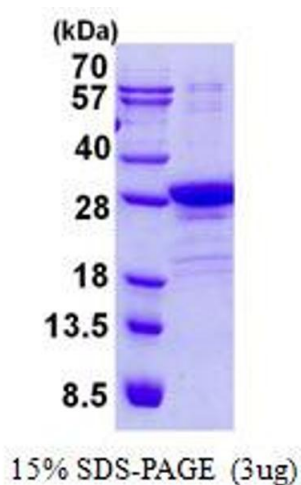


Image 1.