

Datasheet for ABIN7559485

POLR1E Protein (AA 1-482) (His tag)



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Overview

Quantity:	1 mg
Target:	POLR1E
Protein Characteristics:	AA 1-482
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR1E protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Polr1e Protein expressed in mammalien cells.
Sequence:	<p>MATLESPGMD DQAGDTETEA LQSARWLYCG EPDDRQKAVL VQFSNGKLQN PGDMRFTLYN STDLVNPRQR SHRIVAAETD RLSYVGNNFG TGALKCNALC RHFVGILNKT SGQMEVYDAE LFNMQPLFAG MGTEVIKLGQ QHLYLLAFCQ PSKNLAEAGD LLSRHRQGH CIAVLLDDDA IEREPLENQ NKTFRDKLDS CIEAFGSTKQ KRSLNSRRMN KVGSESLNLS VAKAAESIID TKGVNALVSD AMQDDLQDGV LYLPPCYADA AKPEDVYRFE DILSPAERYDA LESPSEAFRK VTSEDILKMI EENSHCSYVI EMLKSLPIDE VHRNRQARSI WFLDALIRFR AQKVIKGKRA LPGGIPHIIN TKLLKQFTCL TYNNGRLQNL ISSSMRAKIT SYAILALHI NNFQVDLTAL QKDLKLSEKR MIEIAKAMRL KISKQKVSLA DGREESHRLG TSVPLPPAQ NSDRQSKRRK MN</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	POLR1E
Alternative Name:	Polr1e (POLR1E Products)
Background:	DNA-directed RNA polymerase I subunit RPA49 (RNA polymerase I subunit A49) (DNA-directed RNA polymerase I subunit E) (RNA polymerase I-associated factor 1) (RNA polymerase I-associated factor 53),FUNCTION: Component of RNA polymerase I (Pol I), a DNA-dependent RNA polymerase which synthesizes ribosomal RNA precursors using the four ribonucleoside triphosphates as substrates (PubMed:8641287, PubMed:9254723). Appears to be involved in the formation of the initiation complex at the promoter by mediating the interaction between Pol I and UBTF/UBF (PubMed:8641287). {ECO:0000269 PubMed:8641287, ECO:0000269 PubMed:9254723}.
Molecular Weight:	54.0 kDa
UniProt:	Q8K202

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months