

Datasheet for ABIN7551543
POLR2I Protein (AA 1-125) (His tag)



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Overview

Quantity:	1 mg
Target:	POLR2I
Protein Characteristics:	AA 1-125
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR2I protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POLR2I Protein expressed in mammalian cells.
Sequence:	MEPDGTYEPG FVGIRFCQEC NNMLYPKEDK ENRILLYACR NCDYQQEADN SCIIYV NKITH EVDEL TQIIA DVSQDPTLPR TEDHPCQKCG HKEAVFFQSH SARAEDAMRL YYVCTAPHCG HRWTE 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <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.

Product Details

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	POLR2I
Alternative Name:	POLR2I (POLR2I Products)
Background:	DNA-directed RNA polymerase II subunit RPB9 (RNA polymerase II subunit B9) (DNA-directed RNA polymerase II subunit I) (RNA polymerase II 14.5 kDa subunit) (RPB14.5),FUNCTION: Core component of RNA polymerase II (Pol II), a DNA-dependent RNA polymerase which synthesizes mRNA precursors and many functional non-coding RNAs using the four ribonucleoside triphosphates as substrates. Pol II is the central component of the basal RNA polymerase II transcription machinery. It is composed of mobile elements that move relative to each other. POLR2I/RPB9 is part of the upper jaw surrounding the central large cleft and thought to grab the incoming DNA template. {ECO:0000250 UniProtKB:P27999, ECO:0000269 PubMed:27193682, ECO:0000269 PubMed:30190596, ECO:0000269 PubMed:9852112}.
Molecular Weight:	14.5 kDa
UniProt:	P36954
Pathways:	Regulatory RNA Pathways

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

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
