

Datasheet for ABIN7551525

POLR3GL Protein (AA 1-218) (His tag)



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Overview

Quantity:	1 mg
Target:	POLR3GL
Protein Characteristics:	AA 1-218
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR3GL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant POLR3GL Protein expressed in mammalian cells.
Sequence:	<p>MASRGGGRGR GRGQLTFNVE AVGIGKGDAL PPPTLQPSPL FPPLEFRPVP LPSGEEGEYV</p> <p>LALKQELRGA MRQLPYFIRP AVPKRDVERY SDKYQMSGPI DNAIDWNPDW RRLPRELKIR</p> <p>VRKLQKERIT ILLPKRPPKT TEDKEETIQK LETLEKKEEE VTSEEDDEEKE EEEEEEEEE</p> <p>EEYDEEEHEE ETDYIMSYFD NGEDFGGDSD DNMDEAIY 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>
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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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).

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:	POLR3GL
Alternative Name:	POLR3GL (POLR3GL Products)
Background:	DNA-directed RNA polymerase III subunit RPC7-like (RNA polymerase III subunit C7-like) (DNA-directed RNA polymerase III subunit G-like) (RNA polymerase III 32 kDa beta subunit) (RPC32-beta),FUNCTION: DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. {ECO:0000269 PubMed:20154270, ECO:0000269 PubMed:35637192}.
Molecular Weight:	25.3 kDa
UniProt:	Q9BT43

Application Details

Application Notes:	We expect the protein to work for functional studies. 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