Datasheet for ABIN7558002
POLR2M Protein (AA 1-366) (His tag)

Overview

Quantity:	1 mg
Target:	POLR2M (GRINL1A)
Protein Characteristics:	AA 1-366
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POLR2M protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Polr2m Protein expressed in mammalien cells.
Sequence:	MFSLPRGFEP PAPEDLGRQS SAELRERLRR QERLLRNEKF ICKLPDKGKK ISDTVAKLKA AISEREEVRG RSELFHPVSV DCKLRQKATT RADTDVDKAQ SSDLMLDTSS LDPDCSSIDI KSSKSTSETQ GPTHLTHRGN EETLEAGYTV NSSPAAHIRA RAPSSEVKEH LPQHSVSSQE EEISSSIDSL FITKLQKITI ADQSEPSEEN TSTENFPELQ SETPKKPHYM KVLEMRARNP VPPPHKFKTN VLPTQQSDSP SHCQRGQSPA SSEEQRRRAR QHLDDITAAR LLPLHHLPAQ LLSIEESLAL QREQKQNYEE MQAKLAAQKL AERLNIKMQS YNPEGESSGR YREVRDEADA QSSDEC **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.**
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalien 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, Western Blot
Grade:	custom-made

Target Details

Target:	POLR2M (GRINL1A)
Alternative Name:	Polr2m (GRINL1A Products)
Background:	DNA-directed RNA polymerase II subunit GRINL1A (DNA-directed RNA polymerase II subunit M) (Glutamate receptor-like protein 1A),FUNCTION: Appears to be a stable component of the Pol II(G) complex form of RNA polymerase II (Pol II). Pol II synthesizes mRNA precursors and many functional non-coding RNAs and is the central component of the basal RNA polymerase II transcription machinery. May play a role in the Mediator complex-dependent regulation of transcription activation. Acts as a negative regulator of transcriptional activation, this repression is relieved by the Mediator complex, which restores Pol II(G) activator-dependent transcription to a level equivalent to that of Pol II. {ECO:0000250|UniProtKB:P0CAP2}.
Molecular Weight:	41.2 kDa
UniProt:	Q6P6I6

Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies

Application Details

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