

Datasheet for ABIN7550823

## POU1F1 Protein (AA 1-291) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	POU1F1
Protein Characteristics:	AA 1-291
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU1F1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat POU1F1 Protein expressed in mammalian cells.
Sequence:	<p>MSCQAFTSAD TFIPLNSDAS ATLPLIMHHS AAECPLVSNH ATNVMSTATG LHYSVPSCHY  GNQPSTYGVM AGSLTPCLYK FPDHTLSHGF PPIHQPLLA E DPTAADFKQE LRRKSKLVEE  PIDMDSPEIR ELEKFANEFK VRRIKLGYTQ TNVGEALAAV HGSEFSQTTI CRFENLQLSF  KNACKLKAIL SKWLEEAQEV GALYNEKVGA NERKRKRRTT ISIAAKDALE RHFGEQNKPS  SQEIMRMAEE LNLEKEVVRV WFCNRRQREK RVKTSLNQSL FSISKEHLEC R <b>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.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>Made to order protein - from design to production - by highly experienced protein experts.</li> </ul>

## 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, Western Blot
Grade:	custom-made

## Target Details

Target:	POU1F1
Alternative Name:	POU1F1 ( <a href="#">POU1F1 Products</a> )
Background:	Pituitary-specific positive transcription factor 1 (PIT-1) (Growth hormone factor 1) (GHF-1),FUNCTION: Transcription factor involved in the specification of the lactotrope, somatotrope, and thyrotrope phenotypes in the developing anterior pituitary. Specifically binds to the consensus sequence 5'-TAAAT-3'. Activates growth hormone and prolactin genes (PubMed:22010633, PubMed:26612202). {ECO:0000269 PubMed:22010633, ECO:0000269 PubMed:26612202}.
Molecular Weight:	32.9 kDa
UniProt:	<a href="#">P28069</a>
Pathways:	<a href="#">Regulation of Carbohydrate Metabolic Process</a>

## 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.
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Application Details

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