

Datasheet for ABIN7550859
POU2F3 Protein (AA 1-436) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	POU2F3
Protein Characteristics:	AA 1-436
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU2F3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat POU2F3 Protein expressed in mammalien cells.
Sequence:	MVNLESMHTD IKMSGDVADS TDARSTLSQV EPGNDRNGLD FNRQIKTEDL SDSLQQTLSH RPOCHLSQGPA MMSGNQMSGL NASPCQDMAS LHPLQLVLV PGHLQSVSQF LLSQTQPGQQ GLQPNLLPFP QQQSGLLLPQ TGPGLASQAF GHPGLPGSSL EPHLEASQHL PVPKHLPPSSG GADEPSDLEE LEKFAKTFKQ RRIKLGFTQG DVGLAMGKLY GNDFSQTTIS RFEALNLSFK NMCKLKPLLE KWLNDAESSP SDPSVSTPSS YPSLSEVFGR KRKKRTSIET NIRLTLEKRF QDNPKPSSEE ISMIAEQLSM EKEVVRVWFC NRRQKEKRIN CPVATPIKPP VYNSRLVSPS GSLGPLSVPP VHSTMPGTVT SSCSPGNNSR PSSPGSGLHA SSPTASQNNNS KAAVNSASSF NSSGSWYRWN HSTYLH 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 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
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Grade:	custom-made
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Target Details

Target:	POU2F3
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Alternative Name:	POU2F3 (POU2F3 Products)
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Background:	<p>POU domain, class 2, transcription factor 3 (Octamer-binding protein 11) (Oct-11) (Octamer-binding transcription factor 11) (OTF-11) (Transcription factor PLA-1) (Transcription factor Skn-1),FUNCTION: Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') and regulates cell type-specific differentiation pathways. Involved in the regulation of keratinocytes differentiation (PubMed:11329378). The POU2F3-POU2AF2/POU2AF3 complex drives the expression of tuft-cell-specific genes, a rare chemosensory cells that coordinate immune and neural functions within mucosal epithelial tissues (PubMed:35576971). {ECO:0000269 PubMed:11329378, ECO:0000269 PubMed:35576971}.</p>
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Molecular Weight:	47.4 kDa
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UniProt:	Q9UKI9
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Application Details

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