

[Go to Product page](#)

Datasheet for ABIN7550904

POU5F2 Protein (AA 1-328) (His tag)

Overview

Quantity:	1 mg
Target:	POU5F2
Protein Characteristics:	AA 1-328
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU5F2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat POU5F2 Protein expressed in mammalien cells.
Sequence:	MAGHRPSNHF CPLPGSGGGG PRGPMLRVD TLTWLSTQAA PGRVMVWPAV RPGICPGPDV WRIPLGPLPH EFRGWIAPCR PRLGASEAGD WLRRPSEGAL PGPYIALRSI PKLPPPEDIS GILKELQQLA KELRQKRLSL GYSQADV GIA VGALFGKVL S QTTICRFEAQ QLSVANMWKL RPLLKKWLKE VEAENLLGLC KMEMILQQSG KWRRASRERR IGNSLEKFFQ RCPKPTPQQI SHIAGCLQLQ KDVVRVWFYN RSKMGSRPTN DASPREIVGT AGPPCPGAPV CFHLGLGLPV DIPHYTRLYS AGVAHSSAPA TTLGLLRF 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: <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, Western Blot
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Grade:	custom-made
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Target Details

Target:	POU5F2
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Alternative Name:	POU5F2 (POU5F2 Products)
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Background:	POU domain, class 5, transcription factor 2 (Sperm 1 POU domain transcription factor) (SPRM-1),FUNCTION: Transcription factor that binds preferentially to the octamer motif (5'-ATGTTAAT-3'). May exert a regulatory function in meiotic events that are required for terminal differentiation of male germ cell (By similarity). {ECO:0000250}.
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Molecular Weight:	36.1 kDa
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UniProt:	Q8N7G0
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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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Restrictions:	For Research Use only
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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