

Datasheet for ABIN7562963

## POU3F1 Protein (AA 1-449) (His tag)



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### Overview

Quantity:	1 mg
Target:	POU3F1
Protein Characteristics:	AA 1-449
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This POU3F1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

### Product Details

Purpose:	Custom-made recombinat Pou3f1 Protein expressed in mammalian cells.
Sequence:	<p>MATTAQYLPR GPGGGAGGTG PLMHPDAAAA AAAAAERLHA GAAYREVQKL MHHEWLGAGA</p> <p>GHPVGLAHPQ WLPTGGGGGG DWAGGPHLEH GKAGGGGTGR ADDGGGGGGF HARLVHQGAA</p> <p>HAGAAWAQGG TAHHLGPAMS PSPGAGGGHQ PQPLGLYAQA AYPGGGGGGL AGMLAAGGGG</p> <p>AGPGLHHALH EDGHEAQLEP SPPPHLGAHG HAHGHAHAGG LHAAAAHLHP GAGGGGSSVG</p> <p>EHSDEDAPSS DDLEQFAKQF KQRRIKLGFT QADVGLALGT LYGNVFSQTT ICRFEALQLS</p> <p>FKNMCKLKPL LNKWLEETDS SSGSPTNLDK IAAQGRKRKK RTSIEVGVKG ALESHFLKCP</p> <p>KPSAHEITGL ADSLQLEKEV VRVWFCNRRQ KEKRMTPAAG AGHPPMDDVY APGELGPGGG</p> <p>SASPPSAPPP PPPAALHHHH HHTLPGSVQ <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>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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## Target Details

Target:	POU3F1
Alternative Name:	Pou3f1 ( <a href="#">POU3F1 Products</a> )
Background:	<p>POU domain, class 3, transcription factor 1 (Octamer-binding protein 6) (Oct-6) (Octamer-binding transcription factor 6) (OTF-6) (POU domain transcription factor SCIP),FUNCTION: Transcription factor that binds to the octamer motif (5'-ATTTGCAT-3') (PubMed:1979677, PubMed:1976514). Acts as a transcriptional activator when binding cooperatively with SOX4, SOX11, or SOX12 to gene promoters (PubMed:18505825). Acts as a transcriptional repressor of myelin-specific genes (By similarity). {ECO:0000250 UniProtKB:P20267, ECO:0000269 PubMed:18505825, ECO:0000269 PubMed:1976514, ECO:0000269 PubMed:1979677}.</p>
Molecular Weight:	45.3 kDa
UniProt:	<a href="#">P21952</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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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