

Datasheet for ABIN7563468  
**FOXP2 Protein (AA 1-714) (His tag)**



[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	FOXP2
Protein Characteristics:	AA 1-714
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOXP2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Foxp2 Protein expressed in mammalien cells.
Sequence:	<p>MMQESATETI SNSSMNQNGM STLSSQLDAG SRDGRSSGDT SSEVSTVELL HLQQQQALQA  ARQLLLQQQT SGLKSPKSSE KQRPLQVPVS VAMMTPQVIT PQQMQQILQQ QVLSPQQQLQA  LLQQQQAVML QQQQLQEFYK KQQEQLHLQL LQQQQQQQQQ QQQQQQQQQQ QQQQQQQQQQ  QQQQQQQQQQ QHPGKQAKEQ QQQQQQQQLA AQQLVFQQQL LQMQLLQQQQ HLLSLQRQGL  ISIPPGQAAL PVQSLPQAGL SPAEIQLWK EVTGVHSMED NGIKHGGLDL TTNNSSSTTS  STTSKASPPI THHSIVNGQS SVLNARRDSS SHEETGASHT LYGHGVCKWP GCESICEDFG  QFLKHLNNEH ALDDRSTAQC RVQMQRVQQL EIQLSKERER LQAMMTHLHM RPSEPKPSPK  PLNLVSSVTM SKNMLETSPQ SLPQTPTTPT APVTPITQGP SVITPASVPN VGAIARRRHS  KYNIPMSSEI APNYEFYKNA DVRPPFTYAT LIRQAIMESS DRQLTLNEIY SWFTRTFAYF  RRNAATWKNA VRHNLHLKHC FVRVENVKGA VWTVDVEVEYQ KRRSQKITGS PTLVKNIPTS  LGYGAALNAS LQAALAESSL PLLSNPGLIN NASSGLLQAV HEDLNGSLDH IDSNGNSSPG</p>

## Product Details

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CSPQPHIHSI HVKEEPVIAE DEDCPMSLVT TANHSEPELD DREIEEPLS EDLE **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.**

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### Characteristics:

#### Key Benefits:

- 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.

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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

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### Target:

FOXP2

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### Alternative Name:

Foxp2 ([FOXP2 Products](#))

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### Background:

Forkhead box protein P2,FUNCTION: Transcriptional repressor that may play a role in the specification and differentiation of lung epithelium. May also play a role in developing neural, gastrointestinal and cardiovascular tissues. Can act with CTBP1 to synergistically repress transcription but CTBP1 is not essential. Plays a role in synapse formation by regulating SRPX2 levels. {ECO:0000269|PubMed:14701752, ECO:0000269|PubMed:24179158}.

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### Molecular Weight:

79.8 kDa

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### UniProt:

[P58463](#)

## Application Details

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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

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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