

Datasheet for ABIN7553941
FOXP2 Protein (AA 1-715) (His tag)



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Overview

Quantity:	1 mg
Target:	FOXP2
Protein Characteristics:	AA 1-715
Origin:	Human
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 recombinant FOXP2 Protein expressed in mammalian cells.
Sequence:	MMQESATETI SNSSMNQNGM STLSSQLDAG SRDGRSSGDT SSEVSTVELL HLQQQQALQA ARQLLLQQQT SGLKSPKSSD KQRPLQVPVS VAMMTPQVIT PQMQQILQQ QVLSPPQLQA LLQQQAVML QQQQLQEFYK KQEQQLHLQL LQQQQQQQQQ QQQQQQQQQQ QQQQQQQQQQ QQQQQQQQQQ QHPGKQAKEQ QQQQQQQQQL AAQLVFQQQ LLQMQLQQQ QHLLSLQRQG LISIPPGQAA LPVQSLPQAG LSPAIEQLW KEVTGVHSME DNGIKHGGLD LTTNNSSTT SSNTSKASPP ITHHSIVNGQ SSVLSARRDS SSHEETGASH TLYGHGVCKW PGCESICEDF GQFLKHLNNE HALDDRSTAQ CRVQM VVQQ LEIQLSKERE RLQAMMTHLH MRPSEPKPSP KPLNLVSSVT MSKNMLETSP QSLPQTPTTP TAPVTPITQG PSVITPASVP NVGAIRRRHS DKYNIPMSSE IAPNYEFYKN ADVRPPFTYA TLIRQAIMES SDRQLTLNEI YSWFTRTFAY FRRNAATWKN AVRHNLSLHK CFVRVENVKG AVWTVDEVEY QKRRSQKITG SPTLVKNIPT SLGYGAALNA SLQAALAESS LPLLSNPGLI NNASSGLLQA VHEDLNGSLD HIDSNGNSSP

Product Details

GCSPQPHIHS IHVKEEPVIA EDEDCPMSLV TTANHSPELE DDREIEEEPL SEDLE **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:

- 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

Grade:

custom-made

Target Details

Target:

FOXP2

Alternative Name:

FOXP2 ([FOXP2 Products](#))

Background:

Forkhead box protein P2 (CAG repeat protein 44) (Trinucleotide repeat-containing gene 10 protein),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 CTPBP1 is not essential. Plays a role in synapse formation by regulating SRPX2 levels. Involved in neural mechanisms mediating the development of speech and language.

Molecular Weight:

79.9 kDa

UniProt:

[O15409](#)

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.

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
