

[Go to Product page](#)

Datasheet for ABIN7559330
SOX30 Protein (AA 1-782) (His tag)

Overview

Quantity:	1 mg
Target:	SOX30
Protein Characteristics:	AA 1-782
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SOX30 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Sox30 Protein expressed in mammalian cells.
Sequence:	MERARPEPPP PPPPPRQPP RPTPPRPLRP APPAQVEAA TFRAAAAERS QSPSAQATAA MAAVASSCGE AAAAGAQAAG TRRLQVKPE QVLLLPPGGP GVPPAPDEGA AAAAAAAAAA ASSAQARLLQ LRPELLLLPP QSAADGGPCR PELHPMQPRT LLVKAEKQEL GAGLDLSVGS RRTTEAGPRA SRAAKLDGTG KALDGRRSDE KKAKLEAEEA PRDALKGGEG KSLLAIGEGV IKTEEPDRPR DDCRLGTEAT SNGLVHSSKE AILAQPPSAF GPHQQDLRFP LTLHTVPPGA RIQFQPPPS ELIRLSKVPL TPVPIKMQSL LEPSVKIETK DVPLTVLPSD AGIPDTPFSK DRNGHVKRPM NAFMVWARIH RPALAKANPA ANNAEISVQL GLEWNKLSEE QKKPYYDEAQ KIKEKHREEF PGWVYQPRPG KRKRFLSVS NVFSGTTQNI ISTNPTTIYP YRSPTYSVVI PGLQNTITHP VGEAPPAIQL PTPAVQRPS ITLFQPSVSS TGPVAVPPPS LTPRPSLPPQ RFSGPSQTDI HRLPSGSSRS VKRSTPGSLE STTRIPAGAS TAHARFATSP IQPPKEYASV STCPRSTPIP PATPIPHSHV YQPPPLGHPA TLFGTPPRFS FHHPYFLPGP HYFPSSTCPY SRPPFGYGNF PSSMPECLGY YEDRYQKHEA IFSALNRDYP FRDYPDEHTH SEDSRSCESM

Product Details

DGPPYYSSHG HGGEEYLNAM PTLDIGALEN VFTAPASAPS GVQQVNVTDSD EEEEEKVLRL NL

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.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: SOX30

Alternative Name: Sox30 ([SOX30 Products](#))

Background: Transcription factor SOX-30,FUNCTION: Acts both as a transcriptional activator and a repressor (PubMed:29866902, PubMed:29848638). Binds to the DNA sequence 5'-ACAAT-3' and shows a preference for guanine residues surrounding this core motif (PubMed:29866902). Binds to its own promoter and activates its own transcription (PubMed:29866902, PubMed:29848638). Required to activate the expression of postmeiotic genes involved in spermiogenesis (PubMed:29866902, PubMed:29848638). Binds to the promoter region of CTNNB1 and represses its transcription which leads to inhibition of Wnt signaling (PubMed:29739711). Also

Target Details

inhibits Wnt signaling by binding to the CTNNB1 protein, preventing interaction of CTNNB1 with TCF7L2/TCF4 (By similarity). {ECO:0000250|UniProtKB:O94993, ECO:0000269|PubMed:29739711, ECO:0000269|PubMed:29848638, ECO:0000269|PubMed:29866902}.

Molecular Weight: 83.9 kDa

UniProt: [Q8CGW4](#)

Application Details

Application Notes: We expect the protein to work for functional studies. 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