

Datasheet for ABIN7564516

**Anoctamin 4 Protein (ANO4) (AA 1-955) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Anoctamin 4 (ANO4)
Protein Characteristics:	AA 1-955
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Anoctamin 4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Ano4 Protein expressed in mammalien cells.
Sequence:	MEASSSGITN GKNKVFHAEG GLDLQSHQLD MQILPDGPKS DVDFSEILNA IQEMAKDVNI LFDELEAVNS PCKDDDSLH PGNLTSTSED TSRLEAGGET VRERNKSNGL YFRDGKCRID YILVYRKSNP QTEKREVFER NIRA EGLQME KESSLINSI IFVKLHAPWE VLGRYAEQMN VRMPFRRKIY YLPRRYKFMS RIDKQISRFR RWLPKPMRL DKETLPDLEE NDCYTAPFSQ QRIHHFIIHN KDTFFNNATR SRIVHHILQR IKYEEGKNKI GLNRLLTNGS YEAAPLHEG SYRSKNSIKT HGAVNHRHLL YECWASWGWV YKYQPLDLVR RYFGEKIGLY FAWLGWYTGM LFPAAFIGLF VFLYGVTTL DHCQVSKEVCQ ATDIIMCPVC DKYCPFMRLS DSCVYAKVTH LFDNGATVFF AVFMAVWATV FLEFWKRRRA VIAYDWDLID WEEEEEEIRP QFEAKYSKKE RMNPISGKPE PYQAFTDKCS RLIVSASGIF FMICVVIAAV FGIVYRVVT VSTFAAFKWA LIRNNSQVAT TGTAVCINFC IIMLLNVLYE KVALLLTNLE QPRTESEWEN SFTLKMFLFQ FVNLNSSTFY IAFFLGRFTG HPGAYLRLIN RWRLEECHPS GCLIDLQMGM GIIMVLKQTW

## Product Details

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NNFMELGYPL IQNWWTRRKV RQEHGTERKI NFPQWEKDYN LQPMNAYGLF DEYLEMILQF  
GFTTIFVAAF PLAPLLALLN NIIERLDAY KFVTQWRRPL ASRAKDIGIW YGILEGIGIL SVITNAFVIA  
ITSDFIPRLV YAYKYGPCAG QGEAGQKCMV GYVNASLSVF RISDFENRSE PESDGSEFSG  
TPLKYCRYRD YRDPPHSLAP YGYTLQFHWV LAARLAFIIV FEHLVFCIKH LISYLIPDLP  
KDLRDRMRRE KYLIQEMMYE AELERLQKER KERKKNNGKAH HNEWP **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:

Anoctamin 4 (ANO4)

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### Alternative Name:

Ano4 ([ANO4 Products](#))

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### Background:

Anoctamin-4 (Transmembrane protein 16D),FUNCTION: Has calcium-dependent phospholipid scramblase activity, scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (PubMed:23532839). Does not exhibit calcium-activated chloride channel (CaCC) activity (PubMed:22075693). {ECO:0000269|PubMed:22075693, ECO:0000269|PubMed:23532839}.

## Target Details

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Molecular Weight: 111.5 kDa

UniProt: [Q8C5H1](#)

## 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.

Restrictions: For Research Use only

## Handling

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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