

Datasheet for ABIN7558160

Anoctamin 5 Protein (ANO5) (AA 1-904) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Anoctamin 5 (ANO5)
Protein Characteristics:	AA 1-904
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Anoctamin 5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Ano5 Protein expressed in mammalian cells.
Sequence:	MVEQEGLTAK EIDYAFQQNE NLGSKETSFL IPEDLQSPPE KRFNLFRRR LMFQRSEHSK DSVFFRDGIR QIDFVLSYVE DLKKGDELKA ERRREFEQNL RKTGLDLETE DKLNSDGKT YFVKIHAPWE VLVTYAEVLG IKMPIKLSDI PRPKYPLSY MLGAVKLPSS VKYPTPEYFT AQFSRHRQEL FLIEDEATFF PSSTRNRIVY YILSRCPFGV EEGKKKIGIE RLLNSNTYLS AYPLHDGQYW KPSKTTRPNE RYNLCKNWAR FSYFYKEQPF HLIRNYFGEK IGIYFVFLGY YTEMLLFAAL VGLACFIYGL LSMENNRTST EICDPDIGGQ MIMCPLCDEV CDYWRLNNTTC LHSKFSLFD NESTVFFALF MGIWVTLFLE FWKQRQARLE YEWDLVDFEE EQQLQLRPE FEAMCKHKKM NPVTKEMEPH MPLCHRIPWY FVSGTTVTFG MALLSSMVS ILIYRLSVFA TFASFMESEA TLQSVKSSFT PQLATALSGS CLNCIVILIL NFFYEKISAW ITKMEIPRTH QEYESSLTLK MFLFQFVNY SFCFYVAFFK GKFVGYPGSY TYMFNIWRSE ECGPAGCLIE LTTQLTIIMI GKQIFGNIHE AFQPLIFNWW RRRRARTHSE KLYSRWEQDH DLQVYGHRGL

Product Details

FYEYLETVIQ FGFATLFFVAS FPLAPLFFALM NNIMGIRVDA WKLTQYRRP VAAKAHSIGV
WQDILFGMAI VSVATNAFIV SFTSDIIPRL VYFYAYSTNS TEPLSGYVNN SLSVFLIADF
PNHTVPMEEK DFVTCRYRDY RYPPDHEDKY SHNMQFWHVL AAKMTFIIVM EHVVFLFKFL
LAWLIPDVPK DVVEKIKREK LMTIKIIHDF ELNKLKENLD VEYGNIMKNV LVDEDNSLKA KTTV

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:

Anoctamin 5 (ANO5)

Alternative Name:

Ano5 ([ANO5 Products](#))

Background:

Anoctamin-5 (Gnathodiaphyseal dysplasia 1 protein homolog) (Transmembrane protein 16E),FUNCTION: Plays a role in plasma membrane repair in a process involving annexins (PubMed:33496727). Does not exhibit calcium-activated chloride channel (CaCC) activity. {ECO:0000250|UniProtKB:Q75V66, ECO:0000269|PubMed:33496727}.

Molecular Weight:

106.2 kDa

Target Details

UniProt: [Q75UR0](#)

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