

Datasheet for ABIN7552094
ANO9 Protein (AA 1-782) (His tag)



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Overview

Quantity:	1 mg
Target:	ANO9
Protein Characteristics:	AA 1-782
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANO9 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ANO9 Protein expressed in mammalian cells.
Sequence:	<p>MQGEESLRIL VEPEGDSFPL MEISTCETEA SEQWDYVLVA QRHTQRDPRQ ARQQQFLEEL RRKGFHIKVI RDQKQVFFGI RADNSVFLGY RTLLLEPEGP APHAELAAPT TIPVTTSLRI RIVNFVMNN KTSAGETFED LMKDGVFEAR FPLHKGEGRL KKTWARWRHM FREQPVEIR NYFGKVALY FVWLGWYTYM LVPAALTGLL VFLSGFSLFE ASQISKEICE AHDILMCPLG DHSRRYQRLS ETCTFAKLTH LFDNDGTVVF AIFMALWATV FLEIWKRQRA RVVLHWDLYV WDEEQEEMAL QLINCPDYKL RPYQHSYLRS TVILVLTLLM ICLMIGMAHV LVVYRVLASA LFSSAVPFL EEQVTTAVVV TGALVHYVTI IIMTKINRCV ALKLCDFEMP RTFSERESRF TIRFFTLQFF THFSSLIYA FILGRINGHP GKSTRLAGLW KLEECHASGC MMDLFVQMAI IMGLKQTLN CVEYLVPWVT HKCRSLRASE SGHLPRDPEL RDWRRNYLLN PVNTFSLFDE FMEMMIQYGF TTIFVAAPPL APLLALFSNL VEIRLDAIKM VWLQRRLLVPR KAKDIGTWLQ VLETIGVLAV IANGMVIAFT SEFIPRVVYK YRYSPCLKEG NSTVDCLKGY VNHSLSVFHT</p>

Product Details

KDFQDPDGIE GSENVTLCRY RDYRNPPDYN FSEQFWFLLA IRLAFVILFE HVALCIKLIA
AWFVPDIPQS VKNKVLEVKY QRLREKMWHG RQRLGGVGAG SRPPMPAHPT PASIFSARST DV

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:

ANO9

Alternative Name:

ANO9 ([ANO9 Products](#))

Background:

Anoctamin-9 (Transmembrane protein 16J) (Tumor protein p53-inducible protein 5) (p53-induced gene 5 protein),FUNCTION: Has calcium-dependent phospholipid scramblase activity, scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (By similarity). Does not exhibit calcium-activated chloride channel (CaCC) activity (PubMed:22178883). Can inhibit the activity of ANO1 (PubMed:20056604, PubMed:22946059).
{ECO:0000250|UniProtKB:P86044, ECO:0000269|PubMed:20056604, ECO:0000269|PubMed:22178883, ECO:0000269|PubMed:22946059}.

Molecular Weight:

90.3 kDa

Target Details

UniProt: [A1A5B4](#)

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