

Datasheet for ABIN7563635

Anoctamin 7 Protein (ANO7) (AA 1-859) (His tag)



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Overview

Quantity:	1 mg
Target:	Anoctamin 7 (ANO7)
Protein Characteristics:	AA 1-859
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Anoctamin 7 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Ano7 Protein expressed in mammalian cells.
Sequence:	MLRGQAREED SVVLIDMASP EAGNGCSYGS TAQASEAGKQ QVAPSRVGSS AKPPIDFVLV WEEDLRNQEN PTKDKTDTHE VWRETFLLENL CLAGLKIDQH DVQDEAAAVH YILLRAPWAV LCYYAEDLRL KLPLQELPNQ ASNWSATLLE WLGIPNILLE HVPDTPPEYY SCQFKASKLQ WFLGSDNQDT FFTSTKRHQI LFEILAKTPY GHEKKGLFGI DQLLAEGVFS AAFPLHDGPF SAVPESQVL GLIQRQVLFQ HWARWGKWNK YQPLDHVRRY FGEKVALYFA WLGFYTGWLL PAAVVGTVVF LVGCFLVFS IPTQELCHSS DSFDMCPLCS DCSFWLLSSA CTLAQAGRLF DHGGTVFFSL FMALWAVLLL EYWKRNATL AYRWDCSDYE DIEERPRPQF AATAPMTALN PITGEDEPYF PEKNRVRRL AGSVLLMMV AVVIMCLVSV ILYRAVMAII VSRSDNAFLS AWASRIASLT GSVVNLVFI ILSKVYVLLA QVLTRWEMHR TQTEFEDAFT LKVFIQFVN FYASPVYIAF FKGRFVGYPG NYHTLFGIRN EECPAGGCLS ELAQELLVIM VGKQIINNVQ EVLVPKLKGC WQKFSRGKKA GTGTHPAPWE ADYELLPCGE LFHEYLEMVL QFGFVTIFVA ACPLAPLFAL LNNWVEIRLD ARKFVCEYRR PVAERAQDIG IWFHILTGLT HLAVISNAFL

Product Details

LAFSSDFLPR VYYSWTHAPD LHGFLNFTLA RAPPTFTSAH NRTCRYRAFR DDDGHYSPTY
WTL LAIRLAF VIVFEHVVS IGRVLDLLVP DIPESVEIKV KREYYLAKQA LAENEALLGA
TGVKDDQPPS SEPSLGLPA **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:	Anoctamin 7 (ANO7)
Alternative Name:	Ano7 (ANO7 Products)
Background:	Anoctamin-7 (New gene expressed in prostate homolog) (Transmembrane protein 16G),FUNCTION: Has calcium-dependent phospholipid scramblase activity, scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (PubMed:23532839). Does not exhibit calcium-activated chloride channel (CaCC) activity (PubMed:23532839). May play a role in cell-cell interactions (By similarity). {ECO:0000250 UniProtKB:Q6IWH7, ECO:0000269 PubMed:23532839}.

Target Details

Molecular Weight: 97.1 kDa

UniProt: [Q14AT5](#)

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