



## **ANO10 Blocking Peptide (C-Term)**

Synthetic peptide Catalog # BP21823b

## **Specification**

ANO10 Blocking Peptide (C-Term) - Product Information

Primary Accession <a href="Q9NW15">Q9NW15</a>

ANO10 Blocking Peptide (C-Term) - Additional Information

**Gene ID** 55129

#### **Other Names**

Anoctamin-10, Transmembrane protein 16K, ANO10, TMEM16K

### **Target/Specificity**

The synthetic peptide sequence is selected from aa 640-653 of HUMAN ANO10

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### **Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

#### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

ANO10 Blocking Peptide (C-Term) - Protein Information

Name ANO10

Synonyms TMEM16K

## **Function**

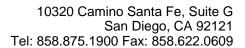
Does not exhibit calcium-activated chloride channel (CaCC) activity. Can inhibit the activity of ANO1.

# ANO10 Blocking Peptide (C-Term) - Background

Does not exhibit calcium-activated chloride channel (CaCC) activity. Can inhibit the activity of ANO1.

## ANO10 Blocking Peptide (C-Term) - References

Ota T.,et al.Nat. Genet. 36:40-45(2004). Muzny D.M.,et al.Nature 440:1194-1198(2006). Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases. Schreiber R.,et al.J. Biol. Chem. 285:7838-7845(2010). Duran C.,et al.Acta Pharmacol. Sin. 32:685-692(2011).





## **Cellular Location**

Cell membrane; Multi-pass membrane protein. Note=Shows predominantly an intracellular localization with a weak expression in the cell membrane

## **Tissue Location**

Highly expressed in the brain. Intermediate levels in the retina and heart and low levels in the placenta, liver, lung, duodenum, kidney, testis and spleen. In brain areas, highest expression in the frontal and occipital cortices and in the cerebellum. Lower expression in the fetal brain than in the adult brain

## ANO10 Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides