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ANO10 Blocking Peptide (C-Term)

Synthetic peptide
Catalog # BP21823b

Specification

ANO10 Blocking Peptide (C-Term) - Product Information

Primary Accession O9NW15

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