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# ANO4 Blocking Peptide (N-term)

**Synthetic peptide**
**Catalog # BP20200A**

## Specification

### ANO4 Blocking Peptide (N-term) - Product Information

| | |
|---|---|
| Primary Accession | Q32M45 |
| Other Accession | Q8C5H1, A6QLE6, NP_849148.2 |

### ANO4 Blocking Peptide (N-term) - Additional Information

**Gene ID** 121601

**Other Names**
Anoctamin-4, Transmembrane protein 16D, ANO4, TMEM16D

**Target/Specificity**
The synthetic peptide sequence is selected from aa 203-216 of HUMAN ANO4

**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.

### ANO4 Blocking Peptide (N-term) - Protein Information

**Name** ANO4

**Synonyms** TMEM16D

**Function**
Has calcium-dependent phospholipid scramblase activity; scrambles phosphatidylserine, phosphatidylcholine and galactosylceramide (By similarity). Does not exhibit calcium-activated chloride channel (CaCC) activity (By similarity).

**Cellular Location**
Cell membrane; Multi-pass membrane protein. Note=Shows an intracellular localization. {ECO:0000250|UniProtKB:Q8C5H1}

### ANO4 Blocking Peptide (N-term) - Protocols

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

- Blocking Peptides

**ANO4 Blocking Peptide (N-term) - Images**

**ANO4 Blocking Peptide (N-term) - Background**

May act as a calcium-activated chloride channel.

**ANO4 Blocking Peptide (N-term) - References**

Hartzell, H.C., et al. J. Physiol. (Lond.) 587 (PT 10), 2127-2139 (2009) :
Katoh, M., et al. Int. J. Oncol. 24(5):1345-1349(2004)
Katoh, M., et al. Int. J. Oncol. 22(6):1375-1381(2003)