

SLC26A4 Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP21644b**Specification**

SLC26A4 Blocking Peptide (C-Term) - Product InformationPrimary Accession [O43511](#)**SLC26A4 Blocking Peptide (C-Term) - Additional Information****Gene ID** 5172**Other Names**

Pendrin, Sodium-independent chloride/iodide transporter, Solute carrier family 26 member 4, SLC26A4, PDS

Target/Specificity

The synthetic peptide sequence is selected from aa 573-587 of HUMAN SLC26A4

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.

SLC26A4 Blocking Peptide (C-Term) - Protein Information**Name** SLC26A4**Synonyms** PDS**Function**

Sodium-independent transporter of chloride and iodide (PubMed:10192399, PubMed:12107249, PubMed:11932316, PubMed:16684826, PubMed:24051746). Mediates electroneutral chloride-bicarbonate, chloride-iodide and chloride-formate exchange with 1:1 stoichiometry (PubMed:10644529, PubMed:15155570, PubMed:35601831, PubMed:24051746). Mediates electroneutral iodide-bicarbonate exchange (By

similarity).

Cellular Location

Cell membrane; Multi-pass membrane protein. Apical cell membrane; Multi-pass membrane protein

Tissue Location

Highly expressed in the kidney (at protein level) (PubMed:11274445). High expression in adult thyroid, lower expression in adult and fetal kidney and fetal brain. Not expressed in other tissues (PubMed:9398842).

SLC26A4 Blocking Peptide (C-Term) - Protocols

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

- [Blocking Peptides](#)

SLC26A4 Blocking Peptide (C-Term) - Images**SLC26A4 Blocking Peptide (C-Term) - Background**

Sodium-independent transporter of chloride and iodide.

SLC26A4 Blocking Peptide (C-Term) - References

Everett L.A., et al. Nat. Genet. 17:411-422(1997).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Hillier L.W., et al. Nature 424:157-164(2003).
Scott D.A., et al. Nat. Genet. 21:440-443(1999).
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