

DIRC2 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20100c**Specification**

DIRC2 Blocking Peptide (Center) - Product Information

Primary Accession [O96SL1](#)
Other Accession [O8BFQ6](#), [NP_116228.1](#)

DIRC2 Blocking Peptide (Center) - Additional Information

Gene ID 84925

Other Names

Disrupted in renal carcinoma protein 2, Disrupted in renal cancer protein 2, DIRC2

Target/Specificity

The synthetic peptide sequence is selected from aa 217-229 of HUMAN DIRC2

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.

DIRC2 Blocking Peptide (Center) - Protein Information

Name SLC49A4 ([HGNC:16628](#))

Function

Mediates H(+)-dependent pyridoxine transport.

Cellular Location

Lysosome membrane; Multi-pass membrane protein

Tissue Location

Ubiquitous. Expressed in proximal tubular cells of the kidney. Highly expressed in the placenta, brain and heart

DIRC2 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

DIRC2 Blocking Peptide (Center) - Images

DIRC2 Blocking Peptide (Center) - Background

This gene encodes a membrane-bound protein from the major facilitator superfamily of transporters. Disruption of this gene by translocation has been associated with haplo-insufficiency and renal cell carcinomas. Alternatively spliced transcript variants have been described, but their biological validity has not yet been determined.

DIRC2 Blocking Peptide (Center) - References

Bodmer, D., et al. Cancer Genet. Cytogenet. 136(2):95-100(2002)
Bodmer, D., et al. Hum. Mol. Genet. 11(6):641-649(2002)