10320 Camino Santa Fe, Suite G
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AVPR2 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21193b

Specification

AVPR2 Blocking Peptide (C-term) - Product Information

Primary Accession P30518

AVPR2 Blocking Peptide (C-term) - Additional Information

Gene ID 554

Other Names
Vasopressin V2 receptor, V2R, AVPR V2, Antidiuretic hormone receptor, Renal-type arginine vasopressin receptor, AVPR2, ADHR, DIR, DIR3, V2R

Target/Specificity
The synthetic peptide sequence is selected from aa 343-357 of HUMAN AVPR2

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.

AVPR2 Blocking Peptide (C-term) - Protein Information

Name AVPR2

Synonyms ADHR, DIR, DIR3, V2R

Function
Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate adenylate cyclase. Involved in renal water reabsorption.

Cellular Location
Cell membrane; Multi-pass membrane protein

Tissue Location
Kidney.

AVPR2 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

AVPR2 Blocking Peptide (C-term) - Images

AVPR2 Blocking Peptide (C-term) - Background

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AVPR2 Blocking Peptide (C-term) - References

Seibold A.,et al.Am. J. Hum. Genet. 51:1078-1083(1992).
Birnbaumer M.,et al.Nature 357:333-335(1992).
Wildin R.S.,et al.Am. J. Hum. Genet. 55:266-277(1994).
Fay M.J.,et al.Peptides 17:477-481(1996).
North W.G.,et al.Cancer Res. 58:1866-1871(1998).