

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



VDR (K45) Peptide

Cat No.: BS3756P

Background

The vitamin D receptor (VDR), also known as the calcitriol receptor, and also known as NR1H1 (nuclear receptor subfamily 1, group I, member 1), is a member of the nuclear receptor family of transcription factors. Upon activation by vitamin D, the VDR forms a heterodimer with the retinoid-X receptor and binds to hormone response elements on DNA resulting in expression or trans-repression of specific gene products. It is an intracellular hormone receptor that specifically binds 1,25(OH)₂D₃ and mediates its effects. Downstream targets of this nuclear hormone receptor are principally involved in mineral metabolism though the receptor regulates a variety of other metabolic pathways, such as those involved in the immune response and cancer.

Swiss-Prot

P11473

Applications

Blocking

Specificity

This peptide can be used with studies using BS3756 VDR (K45) pAb.

Purification & Purity

Synthetic peptide VDR (K45). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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