

# Recombinant Human VDR

Catalog No: #GP10886



Package Size: #GP10886-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human VDR
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 192-427 amino acids of human VDR
Target Name	vitamin D (1,25- dihydroxyvitamin D3) receptor
Other Names	NR111; PPP1R163
Accession No.	Swissprot:P11473Gene Accession:BC060832
Uniprot	P11473
GeneID	7421;
Storage	-20~-80°C, pH 7.6 PBS

## Background

This gene encodes the nuclear hormone receptor for vitamin D3. This receptor also functions as a receptor for the secondary bile acid lithocholic acid. The receptor belongs to the family of trans-acting transcriptional regulatory factors and shows sequence similarity to the steroid and thyroid hormone receptors. 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. Mutations in this gene are associated with type II vitamin D-resistant rickets. A single nucleotide polymorphism in the initiation codon results in an alternate translation start site three codons downstream. Alternative splicing results in multiple transcript variants encoding different proteins.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only