

## Recombinant Human VDR, His-tagged

Cat. No. VDR-3659H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human VDR protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	128-427aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

### GENE INFORMATION

<b>Gene Name</b>	VDR vitamin D (1,25- dihydroxyvitamin D3) receptor [ Homo sapiens ]
<b>Official Symbol</b>	VDR
<b>Synonyms</b>	VDR; vitamin D (1,25- dihydroxyvitamin D3) receptor; vitamin D3 receptor; NR111; 1,25-dihydroxyvitamin D3 receptor; vitamin D nuclear receptor variant 1; nuclear receptor subfamily 1 group I member 1;

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<b>Gene ID</b>	7421
<b>mRNA Refseq</b>	NM_000376
<b>Protein Refseq</b>	NP_000367
<b>MIM</b>	601769
<b>UniProt ID</b>	P11473
<b>Chromosome Location</b>	12q12-q14
<b>Pathway</b>	Direct p53 effectors, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem; Gene Expression, organism-specific b
<b>Function</b>	DNA binding; metal ion binding; protein binding; receptor activity; retinoid X receptor binding; sequence-specific DNA binding; contributes_to sequence-specific DNA binding transcription factor activity; steroid hormone receptor activity; contributes_to v

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