

## Recombinant Human VDR protein, T7/His-tagged

**Cat. No.** VDR-200H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human VDR cDNA (426aa, derived from BC060832) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Form</b>	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
<b>AA Sequence</b>	MASMTGGQQMGRGHHHHHGNLYFQGGFEAMAASLTPDPGDFDRNVPRICGV CGDRATGFHFNAMTCEGCKGF FRRSMKRKALFTCPFNGDCRITKDNRRHCQACR LKRCVDIGMMKEFILTDEEVQRKREMILKRKEEEALKDSLRLP KLSEEQQRIIALLDAH HKTYDPTYSDFCQFRPPVRVNDGGGSHPSRPNRHTPSFGDSSSSCSDHCITSS DMM DSSSFSNLDLSEEDSDDPSVTLELSQLSMLPHLADLVSYSIQKVIGFAKMIPGF RDLTSEDQIVLLKSSAIEVIM LRSNESFTMDDMSWTCGNQDYKYRVSDVTKAGHSL ELIEPLIKFQVGLKKNLHEEEHVLLMAICIVSPDRPGVQ DAALIEAIQDRLSNTLQTYI RCRHPPPGSHLLYAKMIQKLADLRSLNEEHSKQYRCLSFQPECSMKLTPLVLEVF G NEIS
<b>Purity</b>	>90% by SDS-PAGE
<b>Storage</b>	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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## 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;
<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 biosystem; Generic Transcription Pathway, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem;
<b>Function</b>	DNA binding; metal ion binding; protein binding; receptor activity; retinoid X receptor

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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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