

Recombinant Human VDR protein, T7/His-tagged

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

SPECIFICATION

Product Overview	Recombinant human VDR cDNA (426aa, derived from BC060832) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	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.
AA Sequence	MASMTGGQQMGRGHHHHHGNLYFQGGEFEAMAASTSLPDPGDFDRNVPRICGV CGDRATGFHFNAMTCEGCKGF FRRSMKRKALFTCPFNGDCRITKDNRRHCQACR LKRCVDIGMMKEFILTDEEVQRKREMILKRKEEEALKDSLRLP KLSEEQQRIIAILLDAH HKTYDPTYSDFCQFRPPVRVNDGGGSHPSRPNRHTPSFGDSSSSCSDHCITSS DMM DSSSFSNLDLSEEDSDDPSVTLELSQLSMLPHLADLVSYSIQKVIGFAKMIPGF RDLTSEDQIVLLKSSAIEVIM LRSNESFTMDDMSWTCGNQDYKYRVSDVTKAGHSL ELIEPLIKFQVGLKKLNLHEEEHVLLMAICIVSPDRPGVQ DAALIEAIQDRLSNTLQTYI RCRHPPPGSHLLYAKMIQKLADLRSLNEEHKQYRCLSFQPECSMKLTPLVLEVF G NEIS
Purity	>90% by SDS-PAGE
Storage	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

Gene Name	VDR vitamin D (1,25- dihydroxyvitamin D3) receptor [Homo sapiens]
Official Symbol	VDR
Synonyms	VDR; vitamin D (1,25- dihydroxyvitamin D3) receptor; vitamin D3 receptor; NR1I1; 1,25-dihydroxyvitamin D3 receptor; vitamin D nuclear receptor variant 1; nuclear receptor subfamily 1 group I member 1;
Gene ID	7421
mRNA Refseq	NM_000376
Protein Refseq	NP_000367
MIM	601769
UniProt ID	P11473
Chromosome Location	12q12-q14
Pathway	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;
Function	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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