Recombinant Human VDR protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human VDR protein(79-427 aa) is expressed from E.coli with His tag at the N-Terminus.
Species	Human
Source	E.coli
ProteinLength	79-427 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	CRLKRCVDIGMMKEFILTDEEVQRKREMILKRKEEEALKDSLRPKLSEEQQRIIAILLD AHHKTYDPTYSDFCQFRPPVRVNDGGGSHPSRPNSRHTPSFSGDSSSSCSDHCIT SSDMMDSSSFSNLDLSEEDSDDPSVTLELSQLSMLPHLADLVSYSIQKVIGFAKMIP GFRDLTSEDQIVLLKSSAIEVIMLRSNESFTMDDMSWTCGNQDYKYRVSDVTKAGH SLELIEPLIKFQVGLKKLNLHEEEHVLLMAICIVSPDRPGVQDAALIEAIQDRLSNTLQT YIRCRHPPPGSHLLYAKMIQKLADLRSLNEEHSKQYRCLSFQPECSMKLTPLVLEVF GNEIS
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and

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	addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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

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SDS-PAGE



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