

Recombinant Full Length Human VDR protein(Met1-Ser427), His-tagged

Cat. No. VDR-1210H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human VDR (P11473) (Met 1-Ser 427) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-427 aa
Form	Lyophilized from sterile 50mM Tris, 100mM NaCl, pH 8.0, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human VDR consists of 437 amino acids and migrates as an approximately 50 KDa band in SDS-PAGE in SDS-PAGE under reducing conditions as predicted.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 88 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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; NR111; 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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