

## Recombinant Mouse Vdr protein(Met1-Ser422), His-tagged

Cat. No. Vdr-7422M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse VDR (P48281) (Met1-Ser422) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	1-422 a.a.
<b>Form</b>	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mouse VDR consists of 433 amino acids and has a calculated molecular mass of 49.28 kDa. The recombinant protein migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 80 % as determined by SDS-PAGE
<b>Storage</b>	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 receptor [ *Mus musculus* ]

**Official Symbol** Vdr

**Synonyms** VDR; vitamin D receptor; vitamin D3 receptor; 1,25-dihydroxyvitamin D3 receptor; nuclear receptor subfamily 1 group I member 1; Nr1i1;

**Gene ID** 22337

**mRNA Refseq** NM\_009504

**Protein Refseq** NP\_033530

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