

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

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

SPECIFICATION

Product Overview	Recombinant Mouse VDR (P48281) (Met1-Ser422) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-422 a.a.
Form	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % 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 receptor [<i>Mus musculus</i>]
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Official Symbol	Vdr
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Synonyms	VDR; vitamin D receptor; vitamin D3 receptor; 1,25-dihydroxyvitamin D3 receptor; nuclear receptor subfamily 1 group I member 1; Nr1i1;
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Gene ID	22337
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mRNA Refseq	NM_009504
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Protein Refseq	NP_033530
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