

# Mouse VDR-NR111 (His Tag) recombinant protein



Catalog Number: 501954

## General Information

### Gene Name Synonym

1,25-dihydroxyvitamin D3 receptor; Nuclear receptor subfamily 1 group I member 1

### Protein Construction

A DNA sequence encoding the mouse VDR (P48281) (Met1-Ser422) was fused with a polyhistidine tag at the C-terminus.

### Organism

Mouse

### Expression Host

Baculovirus-Insect Cells

## QC Testing

### Purity

> 86 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu$ g of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at -70°C

### Predicted N terminal

Met

### Molecular Mass

The recombinant mouse VDR consists of 432 amino acids and has a calculated molecular mass of 49.2 kDa. The recombinant protein migrates as an approximately 55 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

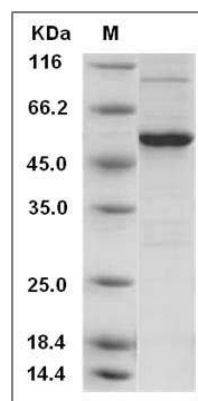
### Storage

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.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Mouse VDR / NR1I1 Protein (His Tag) SDS-PAGE