# 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**

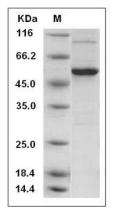
#### **Storage**

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