

Human VDR-NR111 (His Tag) recombinant protein



Catalog Number: 501097

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 human VDR (P11473) (Met 1-Ser 427) was fused with a polyhistidine tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 88 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μ 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 1

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.

Formulation

Lyophilized from sterile 50mM Tris, 100mM 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

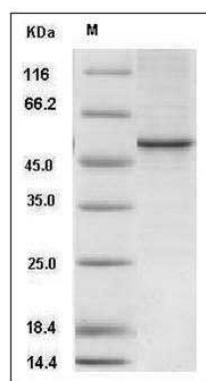
Storage

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



Human VDR / NR111 Protein (His Tag) SDS-PAGE