Catalog Number: 502908



General Information

Protein Construction

A DNA sequence encoding the full length of human CDC37 (NP_008996.1) (Met 1-Val 378) was fused with the GST tag at the C-terminus.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Purity

> 85 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at $-70^{\circ}C$

Predicted N terminal

Met

Molecular Mass

The recombinant human CDC37/GST chimera consists of 603 amino acids and has a predicted a molecular mass of 70.7 kDa as estimated in SDS- PAGE under reducing conditions.

Formulation

Lyophilized from sterile 50mM Tris, 100mM NaCl, 0.5mM GSH, 0.5mM PMSF, 10% glycerol, pH 7.4 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

KDa	М	
116		
66.2		-
45.0	-	-
35.0	-	
25.0	-	
18.4	-	
14.4	-	

Human CDC37 / CDC37A Protein (GST Tag) SDS-PAGE