

General Information

Gene Name Synonym

Hsp90 chaperone protein kinase-targeting subunit; p50Cdc37; Hsp90 co-chaperone Cdc37, N-terminally processed

Protein Construction

A DNA sequence encoding the mouse CDC37 (Q61081) (Met1-Ala379) was expressed with two additional amino acids (Gly & Pro) at the N-terminus.

Organism

Mouse

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°C

Predicted N terminal

Gly

Molecular Mass

The recombinant mouse CDC37 consists of 381 amino acids and predicts a molecular mass of 44.7 KDa. It migrates as an approximately 46 KDa band in SDS-PAGE under reducing conditions.

Formulation

Lyophilized from sterile 20mM Tris, 500mM NaCl, 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

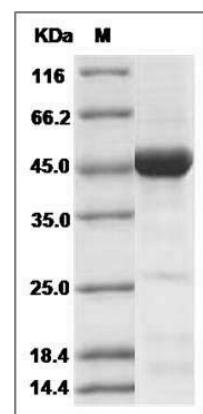
Storage

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



Mouse CDC37 / CDC37A Protein SDS-PAGE