

Recombinant Mouse CDC37 cell lysate

Cat. No. CDC37-001MCL Lot. No. (See product label)

SPECIFICATION

| | |
|--------------------------------|---|
| Product Overview | Mouse CDC37 / CDC37A derived in Baculovirus-Insect cells. The whole cell lysate is provided in 1X Sample Buffer. Browse all transfected cell lysate positive controls |
| Species | Mouse |
| Source | Insect Cells |
| Preparation method | Transfected cells were cultured for 48hrs before collection. The cells were lysed in modified RIPA buffer with cocktail of protease inhibitors. Cell debris was removed by centrifugation and then centrifuged to clarify the lysate. The cell lysate was boiled for 5 minutes in 1 x SDS sample buffer (50 mM Tris-HCl pH 6.8, 12.5% glycerol, 1% sodium dodecylsulfate, 0.01% bromophenol blue) containing 5% b-mercaptoethanol, and lyophilized. |
| Lysis buffer | Modified RIPA Lysis Buffer: 50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF |
| Quality control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue |
| Recommended Usage | 1. Centrifuge the tube for a few seconds and ensure the pellet at the bottom of the tube. 2. Re-dissolve the pellet using 200µL pure water and boiled for 2-5 min. 3. Store it at -80°C. Recommend to aliquot the cell lysate into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles. Notes: The lysate is ready to load on SDS-PAGE for Western blot application. If dissociating conditions are required, add |

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reducing agent prior to heating.

Stability

Samples are stable for up to twelve months from date of receipt at -80°C

Storage Buffer

50 mM Tris-HCl pH 7.4, 150 mM NaCl, 1mM EDTA, 1% Triton X-100, 0.1% SDS, 1% Sodium deoxycholate, 1mM PMSF

Storage Instruction

Lysate samples are stable for 12 months from date of receipt when stored at -80°C. Avoid repeated freeze-thaw cycles. Prior to SDS-PAGE fractionation, boil the lysate for 5 minutes.

GENE INFORMATION

Gene Name

[Cdc37 cell division cycle 37 homolog \(S. cerevisiae\) \[Mus musculus \]](#)

Official Symbol

CDC37

Synonyms

CDC37; cell division cycle 37 homolog (S. cerevisiae); hsp90 co-chaperone Cdc37; hsp90 chaperone protein kinase-targeting subunit; p50; p50Cdc37;

Gene ID

[12539](#)

mRNA Refseq

[NM_016742](#)

Protein Refseq

[NP_058022](#)

Pathway

Androgen Receptor Signaling Pathway, organism-specific biosystem; Disease, organism-specific biosystem; Signaling by EGFR in Cancer, organism-specific biosystem; Signaling by constitutively active EGFR, organism-specific biosystem; TNF-alpha NF-kB Signaling Pathway, organism-specific biosystem;

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Function

Hsp90 protein binding; chaperone binding; heat shock protein binding; mitogen-activated protein kinase kinase kinase binding; protein kinase B binding; protein kinase binding;

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