

Recombinant Human CDC42EP3 293 Cell Lysate

Cat. No. CDC42EP3-7652HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for CDC42 effector protein (Rho GTPase binding) 3 (CDC42EP3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CDC42EP3?CDC42 effector protein (Rho GTPase binding) 3 [?Homo sapiens(human)]

Official Symbol

CDC42EP3

Synonyms

CDC42EP3; CDC42 effector protein (Rho GTPase binding) 3; UB1; CEP3; BORG2; cdc42 effector protein 3; MSE55-related protein; binder of Rho GTPases 2; CRIB-containing BORG2 protein; MSE55-related Cdc42-binding protein

Gene ID

10602

mRNA Refseq

NM_006449

Protein Refseq

NP_006440

MIM

606133

UniProt ID

Q9UKI2

Chromosome Location

2p21

Function

cytoskeletal regulatory protein binding

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