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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDC42 (Human) Recombinant Protein

Catalog Number: P9359

Regulation Status: For research use only (RUO)

Product Description: Human CDC42 full-length recombinant protein with T7 tag in N-terminus expressed in *Escherichia coli*.

Sequence:

MASMTGGQQMGRGSHMQTIKCVVVGDAVGKTCLLI
SYTTNKFPSEYVPTVFDNYAVTVMIGGEPYTLGLFDTA
GQEDYDRLRPLSYPQTDVFLVCFSVSPSSFENVKEK
WVPEITHHCPKTPFLLVGTQIDLRDDPSTIEKLAKNKQK
PITPETAEKLARDLKAVKYVECSALTQKGLKNVFDEAIL
AALEPPEPKSRRC

Host: *Escherichia coli*

Theoretical MW (kDa): 22.4

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression system

Purification: chromatographic

Purity: > 95% as determined by SDS-PAGE.

Storage Buffer: Solution containing 20 mM Tris-HCl, pH 8.0, 10% glycerol, 2 mM EDTA, 1 mM DTT.

Storage Instruction: Store at 4°C for one weeks and should be stored at -20°C to -80°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid repeated freeze/thaw cycles.

Entrez GeneID: 998

Gene Symbol: CDC42

Gene Alias: CDC42Hs, G25K

Gene Summary: The protein encoded by this gene is a small GTPase of the Rho-subfamily, which regulates signaling pathways that control diverse cellular functions including cell morphology, migration, endocytosis and cell cycle progression. This protein is highly similar to *Saccharomyces cerevisiae* Cdc 42, and is able to complement the yeast *cdc42-1* mutant. The product of oncogene *Dbl* was reported to specifically catalyze the dissociation of GDP from this protein. This protein could regulate actin polymerization through its direct binding to Neural Wiskott-Aldrich syndrome protein (N-WASP), which subsequently activates Arp2/3 complex. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq]