

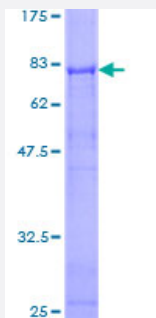
Full-Length

CDC42EP1 (Human) Recombinant Protein (P01)

Catalog # H00011135-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CDC42EP1 full-length ORF (AAH09356, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPGPQGGRGAATMSLGKLSPVGVWSSSQGKRRLTADMISHPLGDFRHTMHVGRGGDVFGDTS
FLSNHGGSSGSTHRSPRSFLAKKLQLVRRVGAPPRRMASPPAPSPAPPAISPIIKNAISLPQLNQA
AYDSLIVGKLSFDSSPTSSTDGHSSYGLDSGFCTISRLPRSEKPHDRDRDGSFPSEPLRRSDS
LLSFRLDLGLPSLLSELLGVMSLPEAPAAETPAPAAETPAPAAETPAPAAETPAPAAETPAPAAET
TPTGPAANPPAPAAASSTPHGHCPNGVTAGLGPVAEVKSSPVGGGPRGPAGPALGRHWGAGW
DGGHHYPEMDARQERVEVLPQARASWESLDEEWRAQAGSRTPVPSTVQANTFEFADAEEDD
EVKV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.98

Interspecies Antigen Sequence

Mouse (70); Rat (69)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDC42EP1

Entrez GeneID	11135
GeneBank Accession#	BC009356
Protein Accession#	AAH09356
Gene Name	CDC42EP1
Gene Alias	BORG5, CEP1, MGC15316, MSE55
Gene Description	CDC42 effector protein (Rho GTPase binding) 1
Omim ID	606084
Gene Ontology	Hyperlink
Gene Summary	CDC42 is a member of the Rho GTPase family that regulates multiple cellular activities, including actin polymerization. The protein encoded by this gene is a CDC42 binding protein that mediates actin cytoskeleton reorganization at the plasma membrane. This protein is secreted and is primarily found in bone marrow. [provided by RefSeq]
Other Designations	55 kDa bone marrow stromal/endothelial cell protein CDC42 effector protein 1 OTTHUMP00000028709 serum constituent protein