

Recombinant Human CDC42EP3 Protein, GST-tagged

Cat. No. CDC42EP3-5143H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CDC42EP3 full-length ORF (AAH19270, 1 a.a. - 254 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of a small family of guanosine triphosphate (GTP) metabolizing proteins that contain a CRIB (Cdc42, Rac interactive binding) domain. Members of this family of proteins act as effectors of CDC42 function. The encoded protein is involved in actin cytoskeleton re-organization during cell shape changes, including pseudopodia formation. A pseudogene of this gene is found on chromosome 19. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2012]
Molecular Mass	53.68 kDa
AA Sequence	MPAKTPIYLKAANNKKGKKFKLRDILSPDMISPLGDFRHTIHIGKEGQHDVFGDISFL QGNYELLPGNQEKALHLGQFPGHNEFFRANSTSDSVFTETPSPVLKNAISLPTIGGSQ ALMLPLLSPVTFNSKQESFGPAKLPRLSCEPVMEEKAQEKSSLLENGTVHQGDTSW GSSGSASQSSQGRDSHSSSLSEQYPDWPAEDMFDHPTPCELIKGKTKSEESLSDLT GSLLSLQLDLGPSLLDEVLNVMMDKNK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CDC42EP3 CDC42 effector protein 3 [Homo sapiens (human)]
Official Symbol	CDC42EP3
Synonyms	CDC42EP3; CDC42 effector protein 3; UB1; CEP3; BORG2; cdc42 effector protein 3; CDC42 effector protein (Rho GTPase binding) 3; CRIB-containing BORG2 protein; MSE55-related Cdc42-binding protein; MSE55-related protein; binder of Rho GTPases 2
Gene ID	10602
mRNA Refseq	NM_001270436
Protein Refseq	NP_001257365
MIM	606133
UniProt ID	Q9UKI2

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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