

## Product datasheet for **TP761616**

### CDC42SE2 (NM\_020240) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human CDC42 small effector 2 (CDC42SE2), transcript variant 1, full length, with N-terminal GST and C-terminal HIS tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length CDC42SE2
Tag:	N-GST and C-His
Predicted MW:	37 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_064625</a>
Locus ID:	56990
UniProt ID:	<a href="#">Q9NRR3</a>
RefSeq Size:	3667
Cytogenetics:	5q31.1
RefSeq ORF:	252
Synonyms:	SPEC2



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**Summary:**

Probably involved in the organization of the actin cytoskeleton by acting downstream of CDC42, inducing actin filament assembly. Alters CDC42-induced cell shape changes. In activated T-cells, may play a role in CDC42-mediated F-actin accumulation at the immunological synapse. May play a role in early contractile events in phagocytosis in macrophages.[UniProtKB/Swiss-Prot Function]

**Protein Families:**

Druggable Genome

**Product images:**