

## Recombinant Human CDC42SE1, GST-tagged

Cat. No. CDC42SE1-11014H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDC42SE1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-79a.a.
<b>Description</b>	The protein encoded by this gene is T-cell receptor zeta, which together with T-cell receptor alpha/beta and gamma/delta heterodimers, and with CD3-gamma, -delta and -epsilon, forms the T-cell receptor-CD3 complex. The zeta chain plays an important role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the antigen results in impaired immune response. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	CDC42SE1 CDC42 small effector 1 [ Homo sapiens ]
<b>Official Symbol</b>	CDC42SE1
<b>Synonyms</b>	SCIP1; SPEC1; CDC42 small effector protein 1; 1300002M12Rik; CDC42-binding protein SCIP1; signaling molecule SPEC1 beta; small effector of CDC42 protein 1; small protein effector 1 of Cdc42
<b>Gene ID</b>	56882
<b>mRNA Refseq</b>	NM_020239.3
<b>Protein Refseq</b>	NP_064624.1
<b>UniProt ID</b>	Q9NRR8
<b>Chromosome Location</b>	1q21.3
<b>Function</b>	GTPase inhibitor activity

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