

Recombinant Human CDC42SE1, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CDC42SE1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-79a.a.
Description	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.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	CDC42SE1 CDC42 small effector 1 [Homo sapiens]
Official Symbol	CDC42SE1
Synonyms	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
Gene ID	56882
mRNA Refseq	NM_020239.3
Protein Refseq	NP_064624.1
UniProt ID	Q9NRR8
Chromosome Location	1q21.3
Function	GTPase inhibitor activity