

Product datasheet for **TP500134**

Cdc42se1 (NM_172395) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CDC42 small effector 1 (Cdc42se1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	A DNA sequence from Mouse cDNA ORF Clone, MR200134, encoding Mouse full-length Cdc42se1.
Tag:	C-MYC/DDK
Predicted MW:	9.5 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, 100 mM glycine, pH 7.3, 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 after receiving vials.
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:	NP_765983
Locus ID:	57912
UniProt ID:	Q8BHL7
RefSeq Size:	2757
Cytogenetics:	3 F2.1
RefSeq ORF:	240
Synonyms:	1300002M12Rik; AW558204; Cdcse1; SCIP1; Spec1



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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 (By similarity).[UniProtKB/Swiss-Prot Function]