

Recombinant Mouse Gcsam Protein, Myc/DDK-tagged

Cat. No. Gcsam-3177M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length germinal center associated, signaling and motility (Gcsam), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in the negative regulation of lymphocyte motility. It mediates the migration-inhibitory effects of IL6. Serves as a positive regulator of the RhoA signaling pathway. Enhancement of RhoA activation results in inhibition of lymphocyte and lymphoma cell motility by activation of its downstream effector ROCK. Is a regulator of B-cell receptor signaling, that acts through SYK kinase activation.
Molecular Mass	21 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Gcsam germinal center associated, signaling and motility [Mus musculus (house mouse)]

Official Symbol Gcsam

Synonyms Gcsam; germinal center associated, signaling and motility; M17; Gcet; Gcet2; M17-L; germinal center-associated signaling and motility protein; germinal center B-cell-expressed transcript 2 protein; germinal center expressed transcript 2

Gene ID 14525

mRNA Refseq NM_001159297

Protein Refseq NP_001152769

UniProt ID Q6RFH4

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