

## Product datasheet for TP517934

### Gcsam (NM\_001159297) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse germinal center associated, signaling and motility (Gcsam), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR217934 representing NM_001159297 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  <p>MGNCLQRTRRWQLDMQETPWNLRLSAKGRTRCRYFRGWSCCHSVEGCCLPWKNIRTFKARQESPKQNEGM TSAPVQDNANETYTEELCYILVDHEAVRGRPSVNPAGFYENISNKAERHKESSRGTETEYSVLRFPSP QPLPSTDDEYELLMPSRFSSSHAFQQPRPLTTPYETHFSYPQ</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	21 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:	<a href="#">NP_001152769</a>
Locus ID:	14525
UniProt ID:	<a href="#">Q6RFH4</a>
RefSeq Size:	3364
Cytogenetics:	16 B5



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RefSeq ORF: 546

Synonyms: Gcet; Gcet2; M17; M17-L

**Summary:** 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.[UniProtKB/Swiss-Prot Function]