

Recombinant Mouse Gem Protein, Myc/DDK-tagged

Cat. No. Gem-3187M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length GTP binding protein (gene overexpressed in skeletal muscle) (Gem), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Could be a regulatory protein, possibly participating in receptor-mediated signal transduction at the plasma membrane. Has guanine nucleotide-binding activity but undetectable intrinsic GTPase activity.
Molecular Mass	33.7 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
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Gem GTP binding protein (gene overexpressed in skeletal muscle) [Mus musculus (house mouse)]
Official Symbol	Gem
Synonyms	Gem; GTP binding protein (gene overexpressed in skeletal muscle); AV020497; GTP-binding protein GEM; GTP-binding mitogen-induced T-cell protein; RAS-like protein KIR; EC 3.6.5.2
Gene ID	14579
mRNA Refseq	NM_010276
Protein Refseq	NP_034406
UniProt ID	P55041

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA