

Recombinant Mouse Git1 Protein, Myc/DDK-tagged

Cat. No. Git1-3215M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length GIT ArfGAP 1 (Git1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	GTPase-activating protein for the ADP ribosylation factor family. May serve as a scaffold to bring together molecules to form signaling modules controlling vesicle trafficking, adhesion and cytoskeletal organization. Increases the speed of cell migration, as well as the size and rate of formation of protrusions, possibly by targeting PAK1 to adhesions and the leading edge of lamellipodia. Sequesters inactive non-tyrosine-phosphorylated paxillin in cytoplasmic complexes. Involved in the regulation of cytokinesis; the function may involve ENTR1 and PTPN13.
Molecular Mass	85.3 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 [Git1 GIT ArfGAP 1 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Git1](#)

Synonyms GIT1; G protein-coupled receptor kinase-interactor 1; ARF GTPase-activating protein
GIT1; ARF GAP GIT1; GRK-interacting protein 1; G protein-coupled receptor kinase-associated ADP ribosylation factor GTPase-activating protein; Cat-1; p95Cat

Gene ID [216963](#)

mRNA Refseq [NM_001004144](#)

Protein Refseq [NP_001004144](#)

UniProt ID [Q68FF6](#)

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