

Product datasheet for **TP510556**

Git1 (NM_001004144) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse GIT ArfGAP 1 (Git1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210556 protein sequence Red =Cloning site Green =Tags(s)

MSRKGPRAEVCADCSAPDPGWASISRGLVLCDECCSVHRSLGRHISIVKHLRHSAPPTLLQMVHTLASN
GANSIWEHSLLDPAQVQSGRRKANPQDKVHPIKSEFIRAKYQMLAFVHKLPCRDDDGVTAKDLSKQLHSS
VRTGNLETCLRLLSLGAQANFFHPEKGTTPHVAAGQTLQAELLVYAGADPGSPDVNGRTPIDYARQA
GHHELAERLVECQYELTDRLAFYLCGRKPDHKNHGYIIPQMADRSRQKCMSQSLLDLSELAKAAKKKLQAL
SNRLFEEAMDVYDEVDRRENDVWLATQNHSTLVTESAVPFLPVNPEYSATRNQGRQKLARFNAREFA
TLIIDILSEAKRRQQGKSLSSPTDNLELSARSQSELDQHDYDSVASDEDTDQEPLPSAGATRNRRASM
DSSDLSGDGAVTLQEYLELKKALATSEAKVQQLMKVNSSLSDELRLQREIHKLQAENLQLRQPPGPVPPP
SLPSERAHTLMGPGGSTRHRDRQAFSMYEPGSALKPFGGTPGDELATRLQPFHSTELEDDAIYSVHVPA
GLYRIRKGVSAASSVPFTPSSPLSCSQEGSRHASKLSRHGSGADSDYENTQSGDLLGLEGRFLELSKE
DELHPELESLDGDLDPGLPSTEDVILKTEQVTKNIQELLRAAQEFKHDSFVPCSEKIHLAVTEMASLFPK
RPALEPVRSSLRLLNASAYRLQSECRKTVPEPGAPVDFQLLTQQVIQCAVDIAKAAKQLVTITTTREKKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	85.3 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.



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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_001004144
Locus ID:	216963
UniProt ID:	Q68FF6
RefSeq Size:	3670
Cytogenetics:	11 B5
RefSeq ORF:	2313
Synonyms:	Cat-1; p95Cat
Summary:	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 (By similarity). Involved in the regulation of cytokinesis; the function may involve ENTR1 and PTPN13 (PubMed:23108400).[UniProtKB/Swiss-Prot Function]