

Recombinant Human GIT1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GIT1-3983H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	GIT1 MS Standard C13 and N15-labeled recombinant protein (NP_054749) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	GIT1 (GIT ArfGAP 1) is a Protein Coding gene. Diseases associated with GIT1 include Progressive Myoclonus Epilepsy 7 and Blind Loop Syndrome. Among its related pathways are Neuroscience and Regulation of CDC42 activity. Gene Ontology (GO) annotations related to this gene include GTPase activator activity. An important paralog of this gene is GIT2.
Molecular Mass	84.2 kDa
AA Sequence	MSRKGPRAEVCADCSAPDPGWASISRGVLVCDECCSVHRSLSGRHISIVKHLRHS AWPPTLLQMVHTLASNGANSIWEHSLLDPAQVQSGRRKANPQDKVHPIKSEFIRAKYQ MLAFVHKLPCRDDDGVTAKDLSKQLHSSVRTGNLETCLRLSLGAQANFFHPEKGT TPLHVAAGQTLQAELLVYGADPGSPDVNGRTPIDYARQAGHHELAERLVECQY ELTDRLAFYLCGRKPDHKNHGYIIPQMADSLDLSELAKAACKKLQALSNRLFEELAM DVYDEVDRRENDVWLATQNHSTLVTERSAPVFLPVNPEYSATRNQGRQKLARFN AREFATLIIDILSEAKRRQQGKSLSSPTDNLLESLRSQSDLDDQHDYDSVASDEDT DQEPLRSTGATRSNRARSMDSSDLSDGAVTLQEYLELKKALATSEAKVQQLMKVNSS

 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

LSDELRRRLQREIHKLQAENLQLRQPPGPVPTPLPSERAHTPMAPGGSTHRRDRQ
 AFSMYEPGSALKPFGGPPGDELTTTLQPFHSTELEDDAIYSVHVPAGLYRIRKGVSA
 SAVPFTPSSPLLSCSQEGSRHTSKLSRHGSGADSDYENTQSGDPLLGLEGKRFLLEL
 GKEEDFHPELES LDGDLDPGLPSTEDVILKTEQVTKNIQELLRAAQEFKHDSFVPCS
 EKIHLAVTEMASLFPKRPALEPVRSSLRLLNASAYRLQSECRKTVPEPGAPVDFQL
 LTQQVIQ CAYDIAKAAKQLVTITTREKKQTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name GIT1 G protein-coupled receptor kinase interacting ArfGAP 1 [Homo sapiens (human)]

Official Symbol GIT1

Synonyms GIT1; G protein-coupled receptor kinase interacting ArfGAP 1; G protein coupled receptor kinase interactor 1; ARF GTPase-activating protein GIT1; CAT1; CAT-1; ARF GAP GIT1; GRK-interacting protein 1; G protein-coupled receptor kinase interactor 1; G protein-coupled receptor kinase-interactor 1; cool-associated and tyrosine-phosphorylated protein 1;

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Gene ID	28964
mRNA Refseq	NM_014030
Protein Refseq	NP_054749
MIM	608434
UniProt ID	Q9Y2X7
SDS-PAGE	