

Recombinant Human GIT2 293 Cell Lysate

Cat. No. GIT2-5925HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for G protein-coupled receptor kinase interacting ArfGAP 2 (GIT2), transcript variant 4 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	GIT2 G protein-coupled receptor kinase interacting ArfGAP 2 [Homo sapiens]
Official Symbol	GIT2
Synonyms	GIT2; G protein-coupled receptor kinase interacting ArfGAP 2; G protein coupled receptor kinase interactor 2; ARF GTPase-activating protein GIT2; KIAA0148; ARF GAP GIT2; GRK-interacting protein 2; G protein-coupled receptor kinase-interactor 2; cool-associated, tyrosine phosphorylated protein 2; cool-interacting tyrosine-phosphorylated protein 2; CAT2; CAT-2; MGC760; DKFZp686G01261;
Gene ID	9815
mRNA Refseq	NM_001135213
Protein Refseq	NP_001128685
MIM	608564
UniProt ID	Q14161
Chromosome Location	12q24.1
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Integrin-mediated cell adhesion, organism-specific biosystem; Signaling events mediated by focal adhesion kinase, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

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Function

ARF GTPase activator activity; metal ion binding; protein binding; zinc ion binding;

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