

Recombinant Human GIT2 293 Cell Lysate

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

SPECIFICATION

Product Overview

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.

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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 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

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mediated by focal adhesion kinase, organism-specific biosystem; T Cell Receptor Signaling Pathway, organism-specific biosystem;

Function

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

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