Recombinant Human GGA2 293 Cell Lysate

Cat. No. GGA2-5950HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for golgi associated, gamma adaptin ear containing, ARF binding protein 2 (GGA2) 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	GGA2 golgi-associated, gamma adaptin ear containing, ARF binding protein 2 [Homo sapiens]
Official Symbol	GGA2
Synonyms	GGA2; golgi-associated, gamma adaptin ear containing, ARF binding protein 2; ADP-ribosylation factor-binding protein GGA2; KIAA1080; VEAR; gamma-adaptin-related protein 2; VHS domain and ear domain of gamma-adaptin; VHS domain and ear domain-containing protein; golgi-localized, gamma ear-containing, ARF-binding protein 2; golgi associated, gamma adaptin ear containing, ARF binding protein 2; FLJ20966;
Gene ID	23062
mRNA Refseq	NM_015044
Protein Refseq	NP_055859
MIM	606005
UniProt ID	Q9UJY4
Chromosome Location	16p12
Pathway	Lysosome, organism-specific biosystem; Lysosome, conserved biosystem;

Function	ADP-ribosylation factor binding; protein binding;

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