

Recombinant Human PAG1 293 Cell Lysate

Cat. No. PAG1-3465HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for phosphoprotein associated with glycosphingolipid microdomains 1 (PAG1) 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	PAG1 phosphoprotein associated with glycosphingolipid microdomains 1 [Homo sapiens]
Official Symbol	PAG1
Synonyms	PAG1; phosphoprotein associated with glycosphingolipid microdomains 1; phosphoprotein associated with glycosphingolipid-enriched microdomains 1; CBP; Csk binding protein; PAG; transmembrane adaptor protein PAG; Csk-binding protein; transmembrane phosphoprotein Cbp; transmembrane adapter protein PAG; FLJ37858; MGC138364;
Gene ID	55824
mRNA Refseq	NM_018440
Protein Refseq	NP_060910
MIM	605767
UniProt ID	Q9NWQ8
Chromosome Location	8q21.13
Pathway	Adaptive Immune System, organism-specific biosystem; BCR signaling pathway,

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organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Disease, organism-specific biosystem; GAB1 signalosome, organism-specific biosystem; Immune System, organism-specific biosystem; Phosphorylation of CD3 and TCR zeta chains, organism-specific biosystem;

Function

SH2 domain binding; SH3/SH2 adaptor activity; protein binding;

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