

Recombinant Human RAG1AP1 293 Cell Lysate

Cat. No. SLC50A1-2548HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for recombination activating gene 1 activating protein 1 (RAG1AP1), transcript variant 1 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

SLC50A1 solute carrier family 50 (sugar efflux transporter), member 1 [Homo sapiens]

Official Symbol

SLC50A1

Synonyms

SCP; slv; SWEET1; RAG1AP1; HsSWEET1; sugar transporter SWEET1; RP11-540D14.5RZPDo834D038Dstromal cell proteinRAG1-activating protein 1solute carrier family 50 member 1probable sugar transporter RAG1AP1recombination activating gene 1 activating protein 1solute carrier family 50 (sugar transporter), member 1

Gene ID

55974

mRNA Refseq

NM_018845

Protein Refseq

NP_061333

MIM

613683

UniProt ID

Q9BRV3

Chromosome Location

1q22

Function

glucoside transmembrane transporter activity

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