

Recombinant Human VPS4B 293 Cell Lysate

Cat. No. VPS4B-383HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for vacuolar protein sorting 4 homolog B (<i>S. cerevisiae</i>) (VPS4B) 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

VPS4B vacuolar protein sorting 4 homolog B (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

VPS4B

Synonyms

VPS4B; vacuolar protein sorting 4 homolog B (*S. cerevisiae*); SKD1, suppressor of K⁺ transport defect 1 , vacuolar protein sorting 4B (yeast); vacuolar protein sorting-associated protein 4B; SKD1B; VPS4 2; cell migration-inducing 1; vacuolar protein sorting 4B; suppressor of K⁺ transport defect 1; cell migration-inducing gene 1 protein; suppressor of K(+) transport growth defect 1; MIG1; SKD1; VPS4-2;

Gene ID

9525

mRNA Refseq

NM_004869

Protein Refseq

NP_004860

MIM

609983

UniProt ID

O75351

**Chromosome
Location**

18q21.33

Pathway

CXCR4-mediated signaling events, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting

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Complex Required For Transport (ESCRT), organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;

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