

Recombinant Human VPS28 293 Cell Lysate

Cat. No. VPS28-392HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for vacuolar protein sorting 28 homolog (<i>S. cerevisiae</i>) (VPS28), 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 VPS28 vacuolar protein sorting 28 homolog (S. cerevisiae) [Homo sapiens]

Official Symbol VPS28

Synonyms VPS28; vacuolar protein sorting 28 homolog (S. cerevisiae); vacuolar protein sorting 28 (yeast); vacuolar protein sorting-associated protein 28 homolog; H-Vps28; ESCRT-I complex subunit VPS28; yeast class E protein Vps28p homolog; MGC60323;

Gene ID 51160

mRNA Refseq NM_016208

Protein Refseq NP_057292

MIM 611952

UniProt ID Q9UK41

Chromosome Location 8q24.3

Pathway Assembly of HIV virion, organism-specific biosystem; Disease, organism-specific biosystem; ESCRT-I complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex

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Required For Transport (ESCRT), organism-specific biosystem; HIV Infection, organism-specific biosystem;

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