

Recombinant Human VTA1 293 Cell Lysate

Cat. No. VTA1-375HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for Vps20-associated 1 homolog (<i>S. cerevisiae</i>) (VTA1) 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	VTA1 Vps20-associated 1 homolog (S. cerevisiae) [Homo sapiens]
Official Symbol	VTA1
Synonyms	VTA1; Vps20-associated 1 homolog (S. cerevisiae); C6orf55, chromosome 6 open reading frame 55; vacuolar protein sorting-associated protein VTA1 homolog; HSPC228; My012; SKD1-binding protein 1; LYST-interacting protein 5; dopamine-responsive gene 1 protein; homolog of mouse SKD1-binding protein 1; DRG1; LIP5; SBP1; DRG-1; C6orf55; FLJ27228;
Gene ID	51534
mRNA Refseq	NM_016485
Protein Refseq	NP_057569
MIM	610902
UniProt ID	Q9NP79
Chromosome Location	6q24.1
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific

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biosystem; Membrane Trafficking, organism-specific biosystem;

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