

Recombinant Human VTA1 293 Cell Lysate

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

SPECIFICATION

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.
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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	VTA1 Vps20-associated 1 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	VTA1
Synonyms	VTA1; Vps20-associated 1 homolog (<i>S. cerevisiae</i>); 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 biosystem; Membrane Trafficking, organism-specific biosystem;

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