

Recombinant Human VPS36 293 Cell Lysate

Cat. No. VPS36-388HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for vacuolar protein sorting 36 homolog (<i>S. cerevisiae</i>) (VPS36) 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

VPS36 vacuolar protein sorting 36 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

VPS36

Synonyms

VPS36; vacuolar protein sorting 36 homolog (*S. cerevisiae*); C13orf9, chromosome 13 open reading frame 9 , vacuolar protein sorting 36 homolog (yeast); vacuolar protein-sorting-associated protein 36; CGI 145; Eap45; ELL-associated protein, 45 kDa; ESCRT-II complex subunit VPS36; ELL-associated protein of 45 kDa; EAP45; C13orf9; CGI-145; DKFZp781E0871;

Gene ID

51028

mRNA Refseq

NM_016075

Protein Refseq

NP_057159

MIM

610903

UniProt ID

Q86VN1

**Chromosome
Location**

13q14.13

Pathway

ESCRT-II complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required

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

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