

Recombinant Human VPS24 293 Cell Lysate

Cat. No. VPS24-396HCL **Lot. No.** (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for vacuolar protein sorting 24 homolog (<i>S. cerevisiae</i>) (VPS24), 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.
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	VPS24 vacuolar protein sorting 24 homolog (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	VPS24
Synonyms	VPS24; vacuolar protein sorting 24 homolog (<i>S. cerevisiae</i>); NEDF; CHMP3; CGI-149; FLJ38114; charged multivesicular body protein 3; 25.1 protein; OTTHUMP00000203324; OTTHUMP00000203325; OTT- HUMP00000203326; CHMP family, member 3; chromatin-modifying protein 3; neuroendocrine differentiation factor; vacuolar protein sorting-associated protein 24; hVps24; vacuolar protein sorting 24 (yeast); Neuroendocrine differentiation factor; Vacuolar protein sorting-associated protein 24
Gene ID	51652
mRNA Refseq	NM_016079
Protein Refseq	NP_057163
MIM	610052
UniProt ID	Q9Y3E7
Chromosome Location	2p11.2

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