## VPS28 293 Cell Lysate

**Subcategory:** Cell Lysate
**Cat. No.:** 406785
**Unit:** 0.1 mg

**Description:**
Antigen standard for vacuolar protein sorting 28 homolog (S. cerevisiae) (VPS28), transcript variant 1 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid (OriGene Technologies, Inc.) 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.

**Applications:** ELISA, WB, IP

**Format:** 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).

**Alternate Names:** isoform 1 is encoded by transcript variant 1; yeast class E protein Vps28p homolog; H-Vps28; ESCRT-I complex subunit VPS28; vacuolar protein sorting-associated protein 28 homolog; VPS28; MGC60323
**Accession No.:** NP_057292

**Application Notes:** 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.

**Storage:** 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.

For research use only, not for diagnostic or therapeutic procedures.