

## Recombinant Human VPS16 cell lysate

**Cat. No.** VPS16-1912HCL    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	<p>Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles.</p> <p>This gene encodes the human homolog of yeast class C Vps16 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Two transcript variants encoding different isoforms have been found for this gene.</p>
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	VPS16 vacuolar protein sorting 16 homolog ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> ]
<b>Official Symbol</b>	VPS16
<b>Synonyms</b>	VPS16; vacuolar protein sorting 16 homolog ( <i>S. cerevisiae</i> ); vacuolar protein sorting-

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associated protein 16 homolog; vacuolar protein sorting protein 16; hVPS16;

**Gene ID** 64601

**mRNA Refseq** NM\_022575

**Protein Refseq** NP\_072097

**MIM** 608550

**UniProt ID** Q9H269

**Chromosome  
Location** 20p13

**Function** actin filament binding;

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