

# Human VPS35 Knockdown Cell Lysate

**Cat. No.** VPS35-468HKCL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	WB-validated VPS35 Knockdown HeLa Cell Lysate
<b>Species</b>	Human
<b>Source</b>	HeLa
<b>Description</b>	<p>This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex.</p>
<b>Form</b>	Cell-Tissue Lysis buffer
<b>Molecular Mass</b>	92 kDa
<b>Notes</b>	<p>Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.</p>
<b>Storage</b>	Store at -20 centigrade for two years.

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<b>Concentration</b>	Lot-specific
<b>Shipping</b>	Blue Ice
<b>Components</b>	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg VPS35 KD HeLa cell lysate
<b>Lysate QC</b>	RT-qPCR; Western Blotting (WB)

## GENE INFORMATION

<b>Gene Name</b>	VPS35 vacuolar protein sorting 35 homolog ( <i>S. cerevisiae</i> ) [ <i>Homo sapiens</i> (human) ]
<b>Official Symbol</b>	VPS35
<b>Synonyms</b>	VPS35; vacuolar protein sorting 35 homolog ( <i>S. cerevisiae</i> ); vacuolar protein sorting 35 (yeast homolog), vacuolar protein sorting 35 (yeast); vacuolar protein sorting-associated protein 35; FLJ10752; MEM3; hVPS35; maternal-embryonic 3; PARK17; FLJ13588; FLJ20388; DKFZp434E1211; DKFZp434P1672;
<b>Gene ID</b>	55737
<b>mRNA Refseq</b>	NM_018206
<b>Protein Refseq</b>	NP_060676
<b>MIM</b>	601501
<b>UniProt ID</b>	Q96QK1

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