

## Recombinant Mouse Vps39 Protein, Myc/DDK-tagged

Cat. No. Vps39-6941M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of Mouse VPS39 HOPS complex subunit (Vps39), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	May play a role in clustering and fusion of late endosomes and lysosomes. Regulator of TGF-beta/activin signaling, inhibiting SMAD3- and activating SMAD2-dependent transcription. Acts by interfering with SMAD3/SMAD4 complex formation, this would lead to inhibition of SMAD3-dependent transcription and relieve SMAD3 inhibition of SMAD2-dependent promoters, thus increasing SMAD2-dependent transcription.
<b>Molecular Mass</b>	101.1 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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**GENE INFORMATION**

<b>Gene Name</b>	Vps39 VPS39 HOPS complex subunit [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Vps39
<b>Synonyms</b>	VPS39; vacuolar protein sorting 39 (yeast); vam6/Vps39-like protein; Vam6; Vam6P; mVam6; AW743070; A230065P22Rik
<b>Gene ID</b>	269338
<b>mRNA Refseq</b>	NM_178851
<b>Protein Refseq</b>	NP_849182
<b>UniProt ID</b>	Q8R5L3

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