Recombinant Mouse Vps39 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse VPS39 HOPS complex subunit (Vps39), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	101.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

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

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