Recombinant Mouse Vps26c Protein, Myc/DDK-tagged

Cat. No. Vps26c-6934M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Mouse VPS26 endosomal protein sorting factor C (Vps26c), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Acts as component of the retriever complex. The retriever complex is a heterotrimeric complex related to retromer cargo-selective complex (CSC) and essential for retromer-independent retrieval and recycling of numerous cargos such as integrin alpha-5/beta-1 (ITGA5:ITGB1). The recruitment of the retriever complex to the endosomal membrane involves CCC and WASH complexes. In the endosomes, drives the retriever and recycling of NxxY-motif-containing cargo proteins by coupling to SNX17, a cargo essential for the homeostatic maintenance of numerous cell surface proteins associated with processes that include cell migration, cell adhesion, nutrient supply and cell signaling.
Molecular Mass	33 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.

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Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name	Vps26c VPS26 endosomal protein sorting factor C [Mus musculus (house mouse)]
Official Symbol	Vps26c
Synonyms	Vps26c; VPS26 endosomal protein sorting factor C; Dc; Dsc; Dcra; Dscr3; AW538125; vacuolar protein sorting-associated protein 26C; DSCR3 arrestin fold containing; Down syndrome critical region gene 3; Down syndrome critical region gene A; Down syndrome critical region protein 3 homolog; Down syndrome critical region protein A homolog
Gene ID	13185
mRNA Refseq	NM_007834
Protein Refseq	NP_031860
UniProt ID	O35075

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