9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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VPS29 Mouse

Vacuolar Protein Sorting 29 Mouse Recombinant
RCP2561

Product Overview

Name	VPS29 Mouse
Description	
Vacuolar Protein Sorting 29 Mouse Recombinant	
Accession (Primary)	Q9QZ88
Synonyms	
Vacuolar protein sorting 29 yeast homolog (S. cerevisiae), DC15, PEP11, DC7, retromer protein, x 007 protein, EC 3.1.3.3.	
Introduction	
VPS29 is a member of a group of genes coding for vacuolar protein sorting (VPS) proteins which, when functionally damaged, lessens the efficient transfer of vacuolar hydrolases. VPS29 is a late Golgi transmembrane protein that operates as the sorting receptor for soluble vacuolar hydrolases, from the prevacuolar endosome back to the Golgi. Moreover, VPS29 takes part in the creation of the inner shell of the retromer coat for retrograde vesicles parting the prevacuolar compartment.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The VPS29 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM Nacl, 1mM DTT and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGSHM MLVLV LGDLHIPHRC NSLPAKFKKL LVPGKIQHIL CTGNLCTKES YDYLKTLAGD VHIVRGDFDE NLNYPEQKVV TVGQFKIGLI HGHQVIPWGD MASLALLQRQ FDVDILISGH THKFEAFEHE NKFYINPGSA TGAYNALETN IIPSFVLMDI QASTVVTYVY QLIGDDVKVE RIEYKKS	

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Precautions

VPS29 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9QZ88)