

VPS29

Recombinant Human Vacuolar Protein Sorting 29 His

Catalog No.	CS476A CS476B CS476C	Quantity:	1 µg 5 µg 50 µg
Alternate Names:	Vacuolar protein sorting 29 yeast homolog (<i>S. cerevisiae</i>), DC15, PEP11, DC7		
Description:	<p>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.</p> <p>Recombinant Human VPS29 is a single polypeptide chain containing 27 amino acids (1-182) and fused to a 25 amino acid His-tag at the N-terminus.</p>		
Concentration:	Sterile Filtered colorless solution.		
Gene ID:	51699		
Source:	<i>E. coli</i>		
Formulation:	The VPS29 solution (1 mg/1 ml) contains 20 mM Tris-HCl buffer (pH 8.0) + 0.15 M NaCl, 1mM DTT and 40% glycerol.		
Purity:	Greater than 90% as determined by SDS-PAGE.		
Amino Acid Sequence:	<p><u>MGSSHHHHHH SSGLVPRGSH MGSHM</u>MLVLV LGDLHIPHRC NSLPAKFKKL LVPGKIQHIL CTGNLCTKES YDYLKTLAGD VHIVRGDFDE NLNYPEQKVV TVGQFKIGLI HGHQVIPWGD MASLALLQRQ FDVDILISGH THKFEAFEHE NKFYINPGSA TGAYNALETN IIPSFVLMDI QASTVVITYVY QLIGDDVKVE RIEYKKP</p>		
Storage & Stability:	Store at 2-4°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 repeated freeze-thaw cycles.		

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