

## Vacuolar Protein Sorting 29 Human Recombinant

<b>Item Number</b>	rAP-5051
<b>Synonyms</b>	Vacuolar protein sorting 29 yeast homolog (S. cerevisiae), DC15, PEP11, DC7, retromer protein, x 007 protein, EC 3.1.3.3.
<b>Description</b>	VPS29 Human Recombinant produced in E. coli is a single polypeptide chain containing 207 amino acids (1-182) and having a molecular mass of 23.2kDa. VPS29 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	Q9UBQ0
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSHMMLVLV LGDLHIPHRC NSLPAFKKKL LVPGKIQHIL CTGNLCT-KES YDYLKTLAGD VHIVRGDFDE NLNYPEQKVV TVGQFKIGLI HGHQVIPWGD MASLALLQRQ FDVDILISGH THKFEAFEHE NKFYINPGSA TGAYNALETN IIPSFVLMDI QASTVVTYVY QLIGDDVKVE RIEYKKP
<b>Source</b>	E.coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	The VPS29 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 40% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**