

Recombinant Human VPS33B

Catalog No: #GP12234



Package Size: #GP12234-1 100ug

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Description

Product Name	Recombinant Human VPS33B
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 200 amino acids of human VPS33B
Target Name	vacuolar protein sorting 33 homolog B (yeast)
Accession No.	Swissprot:Q9H267Gene Accession:BC016445
Uniprot	Q9H267
GeneID	26276;
Storage	-20~-80°C, pH 7.6 PBS

Background

Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene is a member of the Sec-1 domain family, and encodes the human ortholog of rat Vps33b which is homologous to the yeast class C Vps33 protein. The mammalian class C vacuolar protein sorting proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Mutations in this gene are associated with arthrogryposis-renal dysfunction-cholestasis syndrome. Alternative splicing results in multiple transcript variants.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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