

VPS33B 抗原（重组蛋白）

中文名称： VPS33B 抗原（重组蛋白）

英文名称： VPS33B Antigen (Recombinant Protein)

别名： VPS33B late endosome and lysosome associated

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 200 amino acids of human VPS33B

技术规格

Full name:	VPS33B late endosome and lysosome associated
Swissprot:	Q9H267
Gene Accession:	BC016445
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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

interparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Mutations in this gene are associated with arthrogyrosis-renal dysfunction-cholestasis syndrome. Alternative splicing results in multiple transcript variants.