



# Recombinant Human Vacuolar protein sorting-associated protein 33B (VPS33B)

<b>Product Code</b>	CSB-EP884447HU-B
<b>Abbreviation</b>	VPS33B
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9H267
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AFPHRPDAP ELPDFSM LKR LARDQLIYLL EQLPGKKDLF IEADLMSPLD RIANVSILKQ HEVDKLYKVE NKPALSSNEQ LCFLVRPRIK NMRYIASLVN ADKLAGRTRK YKVIFSPQKF YACEMVLEEE GIYGDVSCDE WAFSLLPLDV DLLSMELPEF FRDYFLEGDQ RWINTVAQAL HLLSTLYGPF PNCYGIGRCA KMAYELWRNL EEEEDGETKG RRPEIGHIFL LDRDVDFVTA LCSQVVYEGL VDDTFRIKCG SVDFGPEVTS SDKSLKVLLN AEDKVFNEIR NEHFSNVFGF LSQKARNLQA QYDRRRGMDI KQMKNFVSQE LKGLKQEHRL LSLHIGACES IMKKKTKQDF QELIKTEHAL LEGFNIREST SYIEEHIDRQ VSPIESLRLM CLLSITENGL IPKDYRSLKT QYLQSYGPEH LLTFSNLRRRA GLLTEQAPGD TLTAVESKVS KLVTDKAAGK ITDAFSSLAK RSNFRAISKK LNLIPRVDGE YDLKVPRDMA YVFGGAYVPL SCRRIEQVLE RRSWQGLDEV VRLLNCSDF FTDMTKEDKA SSESLRLILV VFLGGCTFSE ISALRFLGRE KGYRFIFLTT AVTNSARLME AMSEVKA
<b>Source</b>	E.coli
<b>Target Names</b>	VPS33B
<b>Protein Names</b>	Recommended name: Vacuolar protein sorting-associated protein 33B Short name= hVPS33B
<b>Expression Region</b>	2-617
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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 Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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