



# Recombinant Bovine Vacuolar protein sorting-associated protein 29 (VPS29)

<b>Product Code</b>	CSB-BP660987BO
<b>Abbreviation</b>	VPS29
<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>	Q3T0M0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MAGHRLVLVL GDLHIPHRCN SLPKFKKLL VPGKIQHILC TGNLCTKESY DYLKTLAGDV HIVRGDFDEN LNYPEQKVVT VGQFKIGLIH GHQVIPWGDM ASLALLQRQF DVDILISGHT HKFEAFEHEN KFYINPGSAT GAYNALETNI IPSFVLMIDIQ ASTVVITYVYQ LIGDDVKVER IEYKKS
<b>Source</b>	Baculovirus
<b>Target Names</b>	VPS29
<b>Protein Names</b>	Recommended name: Vacuolar protein sorting-associated protein 29 EC=3.1.3.3 Alternative name(s): Vesicle protein sorting 29
<b>Expression Region</b>	1-186
<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 protein
<b>Target Details</b>	This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. This protein is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms, and usage of multiple polyadenylation sites have been found for this gene.
<b>Reconstitution</b>	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.

---

**Shelf Life**

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.