



Recombinant Human Vacuolar protein sorting-associated protein 29 (VPS29)

Product Code	CSB-YP890661HU
Abbreviation	VPS29
Storage	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.
Uniprot No.	Q9UBQ0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MLVLVLGDLH IPHRCNSLPA KFKKLLVPGK IQHILCTGNL CTKESYDYLK TLAGDVHIVR GDFDENLNYP EQKVVTVGQF KIGLIHGHQV IPWGDMSLA LLQRQFDVDI LISGHCHKFE AFEHENKFYI NPGSATGAYN ALETNIIPSF VLMDIQASTV VTYVYQLIGD DVKVERIEYK KP
Source	Yeast
Target Names	VPS29
Protein Names	Recommended name: Vacuolar protein sorting-associated protein 29 Short name= hVPS29 EC= 3.1.3.3 Alternative name(s): PEP11 homolog Vesicle protein sorting 29
Expression Region	1-182
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
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.

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.