



Recombinant Rat Vacuolar protein sorting-associated protein 28 homolog (Vps28)

Product Code	CSB-BP025900RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	B5DEN9
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MFHGIPATPG VGALPCSVAA PGNKPELYEE VKLYKNARER EKYDNMAELF AVVKTMQALE KAYIKDCVTP NEYTAACSRL LVQYKAAFRQ VQGSEISSID EFCRKFRLCD PLAMERIKED RPITIKDDKG NLNRCIADVV SLFITVMDKL RLEIRAMDEI QPDLRELMET MHRMSHLPPD FEGRQTVSQW LQTLSGMSAS DELDDSQVRQ MLFDLESAYN AFNRFLHS
Source	Baculovirus
Target Names	Vps28
Protein Names	Recommended name: Vacuolar protein sorting-associated protein 28 homolog
Expression Region	1-228
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 encodes a protein involved in endosomal sorting of cell surface receptors via a multivesicular body/late endosome pathway. The encoded protein is one of the three subunits of the ESCRT-I complex (endosomal complexes required for transport) involved in the sorting of ubiquitinated proteins. The two other subunits of ESCRT-I are vesicular protein sorting 23, also known as tumor susceptibility gene 101 (TSG101), and vesicular protein sorting 37. Two alternative transcripts encoding different isoforms have been described. Additional alternative transcripts may exist but the proteins encoded by these transcripts have not been verified experimentally.
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.