Recombinant Human Vacuolar protein sorting-associated protein 26A (VPS26A)

Product Code	CSB-MP025898HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O75436
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSFLGGFFGP ICEIDIVLND GETRKMAEMK TEDGKVEKHY LFYDGESVSG KVNLAFKQPG KRLEHQGIRI EFVGQIELFN DKSNTHEFVN LVKELALPGE LTQSRSYDFE FMQVEKPYES YIGANVRLRY FLKVTIVRRL TDLVKEYDLI VHQLATYPDV NNSIKMEVGI EDCLHIEFEY NKSKYHLKDV IVGKIYFLLV RIKIQHMELQ LIKKEITGIG PSTTTETETI AKYEIMDGAP VKGESIPIRL FLAGYDPTPT MRDVNKKFSV RYFLNLVLVD EEDRRYFKQQ EIILWRKAPE KLRKQRTNFH QRFESPESQA SAEQPEM
Source	Mammalian cell
Target Names	VPS26A
Protein Names	Recommended name: Vacuolar protein sorting-associated protein 26A Alternative name(s): Vesicle protein sorting 26A Short name= hVPS26
Expression Region	1-327
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. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. Alternative splicing results in multiple transcript variants encoding different isoforms.
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.