



# Recombinant Human Vacuolar protein sorting-associated protein 35 (VPS35)

<b>Product Code</b>	CSB-YP839401HU
<b>Abbreviation</b>	VPS35
<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>	Q96QK1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPTTQQSPQD EQEKLLDEAI QAVKVQSFQM KRCLDKNKLM DALKHASNML GELRTSMLSP KSYEELYMAI SDELHYLEVY LTDEFACKGRK VADLYELVQY AGNIIPRLYL LITVGVVYVK SFPQSRKDIL KDLVEMCRGV QHPLRGLFLR NYLLQCTRNI LPDEGEPTDE ETTGDISDSM DFVLLNFAEM NKLWVRMQHQ GHSRDREKRE RERQELRILV GTNLVRLSQL EGVNVERYKQ IVLTGILEQV VNCRDALAEQ YLMECIIQVF PDEFHLQTLN PFLRACAEELH QNVNVKNIII ALIDRLALFA HREDGPGIPA DIKLFDFISQ QVATVIQSRQ DMPSEDVVSL QVSLINLAMK CYPDRVDYVD KVLETTVEIF NKLNLLEHIAT SSAVSKELTR LLKIPVDTYN NILTVLKLKH FHPLFEYFDY ESRKSMSCYV LSNVLDYNT IVSQDQVDSI MNLVSTLIQD QPDQPVEDPD PEDFADEQSL VGRFIHLLRS EDPDQQYLIL NTARKHFGAG GNQRIRFTLP PLVFAAYQLA FRYKENSQVD DKWEKKCQKI FSFAHQTISA LIKAEALP LRLFLQGALA AGEIGFENHE TVAYEFMSQA FSLYEDEISD SKAQLAAITL IIGTFERMKC FSEENHEPLR TQCALAASKL LKKPDQGRAV STCAHLFWSG RNTDKNGEEL HGGKRVMECL KKALKIANQC MDPSLQVQLF IEILNRYIYF YEKENDAVTI QVLNQLIQKI REDLPNLESS EETEIQINKHF HNTLEHLRLR RESPESEGPI YEGLIL
<b>Source</b>	Yeast
<b>Target Names</b>	VPS35
<b>Protein Names</b>	Recommended name: Vacuolar protein sorting-associated protein 35 Short name= hVPS35 Alternative name(s): Maternal-embryonic 3 Vesicle protein sorting 35
<b>Expression Region</b>	1-796
<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. 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.

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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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