



Recombinant Human Exocyst complex component 5 (EXOC5)

Product Code	CSB-MP007883HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O00471
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<p> ATTAELFEE PFVADEYIER LVWRTPGGGS RGGPEAFDPK RLLEEFVNIH QELQIMDERI QRKVEKLEQQ CQKEAKEFAK KVQELQKSNQ VAFQHFQELD EHISYVATKV CHLGDQLEGV NTPRQRAVEA QKLMKYFNEF LDGELKSDVF TNSEKIKEAA DIIQKLHLIA QELPFDRFSE VKSKIASKYH DLECQLIQEF TSAQRERGEIS RMREVAAVLL HFKGYSHCVD VYIKQCQEGA YLRNDIFEDA GILCQRVKNQ VGDIFSNPET VLAKLIQNVF EIKLQSFVKE QLEECRKSDA EQYLKNLYDL YTRTTNLSSK LMEFNLGTDK QTFLSKLIKS IFISYLENYI EVETGYLKS R SAMILQRY YD SKNHQKRSIG TGGIQDLKER IRQRNLPLG PSIDTHGETF LSQEVV V NLL QETKQAFERC HRLSDPSDLP RNAFRIFTIL VEFLCIEHID YALETGLAGI PSSDSRNANL YFLDVVQQAN TIFHLFDKQF NDHLMPLISS SPKLSECLQK KKEIIEQMEM KLDTGIDRTL NCMIGQMKHI LAAEQKKTDF KPEDENNVLI QYTNACVKVC AYVRKQVEKI KNSMDGKNVD TVLMELGVRF HRLIYEHLQQ YSYSCMGGML AICDVAEYRK CAKDFKIPMV LHLFDLHAL CNLLVVAPDN LKQVCSGEQL ANLDKNILHS FVQLRADYRS ARLARHFS </p>
Source	Mammalian cell
Target Names	EXOC5
Protein Names	Recommended name: Exocyst complex component 5 Alternative name(s): Exocyst complex component Sec10 Short name= hSec10
Expression Region	2-708
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 of Mature Protein
Target Details	This protein is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. The complex is also essential for the biogenesis of



epithelial cell surface polarity.

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.