



# Recombinant Human Exocyst complex component 5 (EXOC5)

<b>Product Code</b>	CSB-EP007883HU-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O00471
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<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 KKEII EQMEM KLDTGIDRTL NCMIGQMKHI            LAAEQKKTDF KPEDENNVLI QYTNACVKVC AYVRKQVEKI KNSMDGKNVD            TVLMELGVRF HRLIYEHLQQ YSYSCMGGML AICDVAEYRK CAKDFKIPMV            LHLFDLHAL CNLLV V APDN LKQVCSGEQL ANLDKNILHS FVQLRADYRS            ARLARHFS</p>
<b>Source</b>	E.coli
<b>Target Names</b>	EXOC5
<b>Protein Names</b>	Recommended name: Exocyst complex component 5 Alternative name(s): Exocyst complex component Sec10 Short name= hSec10
<b>Expression Region</b>	2-708
<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 of Mature Protein
<b>Target Details</b>	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.

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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**

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.