



# Recombinant Rat Exocyst complex component 3 (Exoc3)

<b>Product Code</b>	CSB-EP714033RA
<b>Abbreviation</b>	Exoc3
<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>	Q62825
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MCKDSACFST MKETDLEAVA TAVQRVAGML QRPDQLDKVE QYRRREARKK ASVEARLKAA IQSQLDGVRT GLSQLHNALN DVKDIQQSLA DVSKDWRQSI NTIESLKDVK DAVVQHSQLA AAVENLKNIF SVPEIVRETQ DLIEQGALLQ AHRKLMDEC SRDGLMCEQY RMDSGNKRDM TLIHGYFGST QGLSDELAQ LWMVLQRSLV TVRRDPTLLV SVVRIIEREE KIDRRILDRK KQTGFVPPGR PKNWKEKMFA VLDRTVTTRI EGTQADTRES DKMWLVVRHLE IIRKYVLDDL VIAKNLLVQC FPPHYDIFKN LLSMYHQALS IRMQDLASED LEANEIVSLL TWVLNTY TSA EMMGNVELAP EVDVNALEPL LSPNVVSELL DTYMSTLTSN IIAWLRKALE TDKKDWSKET EPEADQDGY Y QTTLPAIVFQ MFEQNLQVAA QISEDLTKTV LVLCLQQMNS FLSRYKEEAQ LYKEEHLRNR QHPCYVQYM VAIINNCQTF KESIISLKRK YLKPETEESL CQSQPSMDGI LDAIAKEGCS SLLEEVFLDL EQHLNELMTK KWMLGSAVD IICVTVEDYF NDFAKIKKPY KKRMTAEHR RVVVEYLRAV MQKRISFRSA EERKEGAEKM VREAEQLRFL FRKLAGSGFE DADGHCDTIV AVAEVIKLT D PSLLYLEVST LVSKYPIRD DHIGALLALR GDASRDMKQT IMETLEQGPM QASPNYVPIF QEIVVPSLNV AKLLK
<b>Source</b>	E.coli
<b>Target Names</b>	Exoc3
<b>Protein Names</b>	Recommended name: Exocyst complex component 3 Alternative name(s): Exocyst complex component Sec6 Short name= rSec6
<b>Expression Region</b>	1-755
<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 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**

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