



# Recombinant Rat COP9 signalosome complex subunit 4 (Cops4)

<b>Product Code</b>	CSB-EP724266RA
<b>Abbreviation</b>	Cops4
<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>	Q68FS2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AAAVRQDLA QLMNSSGSHK DLAGKYRQIL EKAIQLSGTE QLEALKAFVE AMVNEVSLV ISRQLLDFC THLPNLPDST AKEVYHFTLE KVQPRVISFE EQVASIRQRL ASIYEKEEDW RNAAQVLVGI PLETGQKQYN VDYKLETYLK IARLYLEDDD PVQAEAYINR ASLLQNESTN EQLQIHYKVC YARVLDYRRK FIEAAQRYNE LSYKTIVHES ERLEALKHAL HCTILASAGQ QRSRMLATLF KDERCQQLAA YGILEKMYLD RIIRGNQLQE FAAMLMPHQK ATTADGSSIL DRAVIEHNLL SASKLYNNIT FEELGALLEI PAAKAEKIAS QMITEGRMNG FIDQIDGIVH FETREALPTW DKQIQSLCFQ VNNLLEKISQ TAPEWTAQAM EAQMAQ
<b>Source</b>	E.coli
<b>Target Names</b>	Cops4
<b>Protein Names</b>	Recommended name: COP9 signalosome complex subunit 4 Short name= SGN4 Short name= Signalosome subunit 4 Alternative name(s): JAB1-containing signalosome subunit 4
<b>Expression Region</b>	2-406
<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 gene encodes one of eight subunits composing COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases.
<b>Reconstitution</b>	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

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