Recombinant Rat Cytohesin-3 (Cyth3)

Product Code	CSB-MP006469RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P97696
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	>85% (SDS-PAGE)
Sequence	MDEGGGGEGG SVPEDLSLEE REELLDIRRR KKELIDDIER LKYEIAEVMT EIDNLTSVEE SKTTQRNKQI AMGRKKFNMD PKKGIQFLIE NDLLQSSPED VAQFLYKGEG LNKTVIGDYL GERDDFNIKV LQAFVELHEF ADLNLVQALR QFLWSFRLPG EAQKIDRMME AFASRYCLCN PGVFQSTDTC YVLSFAIIML NTSLHNHNVR DKPTAERFIT MNRGINEGGD LPEELLRNLY ESIKNEPFKI PEDDGNDLTH TFFNPDREGW LLKLGGGRVK TWKRRWFILT DNCLYYFEYT TDKEPRGIIP LENLSIREVE DPRKPNCFEL YNPSHKGQVI KACKTEADGR VVEGNHVVYR ISAPSPEEKE EWMKSIKASI SRDPFYDMLA TRKRRIANKK
Source	Mammalian cell
Target Names	Cyth3
Protein Names	Recommended name: Cytohesin-3 Alternative name(s): PH, SEC7 and coiled-coil domain-containing protein 3 SEC7 homolog C Short name= rSec7-3
Expression Region	1-400
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 protein
Target Details	This gene encodes a member of the PSCD (pleckstrin homology, Sec7 and coiled-coil domains) family. PSCD family members have identical structural organization that consists of an N-terminal coiled-coil motif, a central Sec7 domain, and a C-terminal pleckstrin homology (PH) domain. The coiled-coil motif is involved in homodimerization, the Sec7 domain contains guanine-nucleotide exchange protein (GEP) activity, and the PH domain interacts with phospholipids and is responsible for association of PSCDs with membranes. Members of this family appear to mediate the regulation of protein sorting and membrane trafficking. This encoded protein is involved in the control of Golgi structure and function, and it may have a physiological role in regulating ADP-ribosylation factor protein 6 (ARF) functions, in addition to acting on ARF1.
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.