



Recombinant Rat Sorting nexin-1 (Snx1)

Product Code	CSB-BP859993RA
Abbreviation	Snx1
Storage	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.
Uniprot No.	Q99N27
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MASGGGGCSA SERLPPFFPG MDPESEGAAG GSEPEAGDSD TEGEDIFTGA AAASKPQSPK KTTSLFPIKN GSKENGIHEE QDQEPQDLFA DATVELSLDS TQNNQKTMPG KTLIPHPTQE ATNSPKPQPS YEELEEEEQE DQFDLTVGIT DPEKIGDGMN AYVAYKVTTQ TSLPMFRSRQ FAVKRRFSDF LGLYEKLSEK HSQNGFIVPP PPEKSLIGMT KVKVGKEDSS SAEFLEKRRRA ALERYLQRIV NHPTMLQDPD VREFLEKEEL PRAVGTQALS GAGLLKMFNK ATDAVSKMTI KMNESDIWFE EKLQEVECEE QRLRKLHAVV ETLVNHREL ALNTALFAKS LAMLGSSSEDN TALSRALSQ LAEVEEKIEQL HQEQANNDFF LLAELLSYI RLLAIVRAAF DQRMKTWQRW QDAQATLQKK RESEARLLWA NKPKLQQAQ DEITEWESRV TQYERDFERI STVVRKEVTR FEKEKSKDFK NHVIKYLETL LHSQQQLAKY WEAFLPEARA IS
Source	Baculovirus
Target Names	Snx1
Protein Names	Recommended name: Sorting nexin-1
Expression Region	1-522
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 sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This endosomal protein regulates the cell-surface expression of epidermal growth factor receptor. This protein also has a role in sorting protease-activated receptor-1 from early endosomes to lysosomes. This protein may form oligomeric complexes with family members. This gene results in three transcript variants encoding distinct isoforms.
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.