



Recombinant Human Sorting nexin-27 (SNX27)

Product Code	CSB-EP842704HU-B
Abbreviation	SNX27
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.	Q96L92
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MADEDEGEGIH PSAPHRNGGG GGGGGGSLHC AGNGGGGGGG PRVVRIVKSE SGYGFNVRGQ VSEGGQLRSI NGELYAPLQH VSAVLPGGAA DRAGVRKGDR ILEVNHVNE GATHKQVVDL IRAGEKELIL TVLSVPPHEA DNLDPSSDSL GQSFYDYTEK QAVPISVPRY KHVEQNGEKF VVYNVYMAGR QLCSKRYREF AILHQNLKRE FANFTFPRLP GKWPFSLSEQ QLDARRRGLE EYLEKVCSIR VIGESDIMQE FLSESDENYN GVSDVELRVA LPDGTTVTVR VKKNSTTDQV YQAIAAKVG M DSTTVNYFAL FEVISHSFVR KLAPNEFPHK LYIQNYTSAV PGTCLTIRKW LFTTEEEILL NDNDLAVTYF FHQAVDDVKK GYIKAEESY QLQKLYEQRK MVMYLNMLRT CEGYNEIIFP HCACDSRRKG HVIT AISITH FKLHACTEEG QLENQVIAFE WDEMQRWDTD EEGMAFCFEY ARGEKKPRWV KIFTPYFNYM HECFERVFCE LKWRKENIFQ MARSQQRDVA T
Source	E.coli
Target Names	SNX27
Protein Names	Recommended name: Sorting nexin-27
Expression Region	1-541
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, a diverse group of cytoplasmic and membrane-associated proteins involved in endocytosis of plasma membrane receptors and protein trafficking through these compartments. All members of this protein family contain a phosphoinositide binding domain (PX domain). A highly similar protein in mouse is responsible for the specific recruitment of an isoform of serotonin 5-hydroxytryptamine 4 receptor into early endosomes, suggesting the analogous role for the human protein.
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.