



Recombinant Human Sorting nexin-9 (SNX9)

Product Code	CSB-YP896917HU
Abbreviation	SNX9
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.	Q9Y5X1
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MATKARVMYD FAAEPGNNEL TVNEGEIITI TNPDVGGGWL EGRNIKGERG LVPTDYVEIL PSDGKDQFSC GNSVADQAFD DLSASTAQA SSSAASNNHQ VGSGNDPWSA WSASKSGNWE SSEGWGAQPE GAGAQRNTNT PNNWDATFGH PQAYQGPATG DDDDWDDEDWD GPKSSSYFKD SESADAGGAQ RGNSRASSSS MKIPLNKFPF FAKPGTEQYL LAKQLAKPKE KIPIIVGDYG PMWVYPTSTF DCVVADPRKG SKMYGLKSYI EYQLTPTNTN RSVNHRYKHF DWLYERLLVK FGSAIPIPSL PDKQVTGRFE EEFIKMRMER LQAWMTRMCR HPVISESEVF QQFLNFRDEK EWKTGKRKAE RDELAVMIF STMEPEAPDL DLVEIEQKCE AVGKFTKAMD DGVKELLTVG QEHWKRCTGP LPKEYQKIGK ALQSLATVFS SSGYQGETDL NDAITEAGKT YEEIASLVAE QPKKDLHFLM ECNHEYKGFL GCFPDIGTH KGAIEKVKE DKLVATSKIT LQDKQNMVVR VSIMSYALQA EMNHFHNRRI YDYNVIRLY LEQQVQFYET IAEKLRQALS RFPVM
Source	Yeast
Target Names	SNX9
Protein Names	Recommended name: Sorting nexin-9 Alternative name(s): SH3 and PX domain-containing protein 1 Short name= Protein SDP1 SH3 and PX domain-containing protein 3A
Expression Region	1-595
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 protein does not contain a coiled coil region, like some family members, but does contain a SH3 domain near its N-terminus. This protein interacts with the cytoplasmic domains of the precursor but not the processed forms of a disintegrin and metalloprotease domain 9 and



15. This protein binds the beta-appendage domain of adaptor protein 2 and may function to assist adaptor protein 2 in its role at the plasma membrane. This protein interacts with activated Cdc42-associated kinase-2 to regulate the degradation of epidermal growth factor receptor 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.