



# Recombinant Rat Sorting nexin-5 (Snx5)

<b>Product Code</b>	CSB-EP022380RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	B1H267
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	AAVPELLEQ QEEDRSKLRS VSVDLNVDPS LQIDIPDALS ERDKVKFTVH TKTTLPTFQS PEFSVTRQHE DFWLHDTLT ETDDYAGLII PPAPTKPDFD GPREKMQKLG EGECSMTKEE FAKMKQELEA EYLAVFKKTV SSHEVFLQRL SSHPVLSKDR NFHVFLFYDQ DLSVRRKNTK EMFGGFFKSV VKSADEVLFS GVKEVDDFFE QEKNFLINYY NRIKDSCAKA DKMTRSHKNV ADDYIHTAAC LHSLALEEPT VIKKYLLKVA ELFEKLRKVE GRVSSDEDLK LTELLRYMML NIEAAKDLLY RRTKALIDYE NSNKALDKAR LKSKDVKLAE THQQECCQKF EQLSESAKEE LINFKRKRVA AFRKNLIEMS ELEIKHARNN VSLQSCIDL FKNN
<b>Source</b>	E.coli
<b>Target Names</b>	Snx5
<b>Protein Names</b>	Recommended name: Sorting nexin-5
<b>Expression Region</b>	2-404
<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 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 binds to fanconi anemia complementation group A protein, but its function is unknown. This gene results in two transcript variants encoding the same protein.
<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.
<b>Shelf Life</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.