



# Recombinant Bovine Sorting nexin-4 (SNX4)

<b>Product Code</b>	CSB-EP022379BO-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	A1A4L0
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Bos taurus (Bovine)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MEQAAPDPER LWQPAPLEPL SHPDAGLESM VGEETKGARD EGPGDGTMTTE NNFSCLKKIEI SVSEAEKRTG RNAMNMQETY TAYLIETRSV EHNDGQSVLT DSLWRRYSEF ELLRNYLLVY YPHIVVPLP EKRAEFVWHK LSADNMDPDF VERRRIGLEN FLLRVASHPI LCRDKIFYLF LTQEGNWKET VNETGFQLKA DSRLKALNAT FRVKNPDKRF IELKHYSDEL QSVISHLLRV RARVADRLYG VYKVHGNYGR VFSEWSAIEK EMGDGLQSAG HHMDVYASSI DDILEDEEHY ADQLKEYLFY AEALRAVCRK HELMQYDLEM AAQDLASKKQ QCEELATGTV RTFSLKGMTT KLFQGETPEQ REARIKMLEE QIKEGEGQLK SKNLEGREFV RNAWADIERF KEQKNHDLKE ALISYAVMQI SMCKKGIQVW TNAKECFSKM
<b>Source</b>	E.coli
<b>Target Names</b>	SNX4
<b>Protein Names</b>	Recommended name: Sorting nexin-4
<b>Expression Region</b>	1-450
<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 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 associated with the long isoform of the leptin receptor and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor in cell cultures, but its function is unknown. This protein may form oligomeric complexes with family members.
<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.