



Recombinant Mouse Sorting nexin-6 (Snx6)

Product Code	CSB-EP744081MO
Abbreviation	Snx6
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.	Q6P8X1
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MMEGLDDGPD FLSEEDRGLK AINVDLQSDA ALQVDISDAL SERDRVKFTV HTKSSLPNFK QNEFSVVRQH EEFIWLHDSF VENEDYAGYI IPPAPPRPDF DASREKLQKL GEGEGSMTKE EFTKMKQELE AEYLAIFKKT VAMHEVFLCR VAAHPILRKD LNFHVFLYFN QDLSVRGKNK KEKLEDFFKN MVKSADGVIV SGVKDVDDFF EHRTFLLEY HNRVKDASAK SDRMTRSHKS AADDYNRIGS SLYALGTQDS TDICKFFLKV SELFDKTRKI EARVSAEDL KLSDLLKYLL RESQAAKDLL YRRSRSLVDY ENANKALDKA RAKNKDVLQA ETSQQLCCQK FEKISESAKQ ELIDFKTRRV AAFRKNLVEL AELELKHAKG NLQLLQNCLA VLNGDT
Source	E.coli
Target Names	Snx6
Protein Names	Recommended name: Sorting nexin-6
Expression Region	1-406
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 associates with the long isoform of the leptin receptor, the transforming growth factor-beta family of receptor serine-threonine kinases, and with receptor tyrosine kinases for platelet-derived growth factor, insulin, and epidermal growth factor. This protein may form oligomeric complexes with family member proteins through interactions of both the PX domain and the coiled coil regions of the molecules. Translocation of this protein from the cytoplasm to the nucleus occurs after binding to proviral integration site 1 protein. This gene results in two transcripts encoding two 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.