

# Recombinant Sorting Nexin 1 (SNX1) Instruction Manual

SIPE278Hu01

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Membrane, Golgi apparatus
<b>Predicted Molecular Mass</b>	62.8kDa
<b>Accurate Molecular Mass</b>	68kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Met1~Ser522 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 95%
<b>Isoelectric Point</b>	5.1
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

## SEQUENCE

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MASGGGGCSA SERLPPFPFG LEPSEGAAG GSEPEAGDSD TEGEDIFTGA  
AVVSKHQSPK ITTSLLPINN GSKENGIHEE QDQEPQDLFA DATVELSLDS  
TQNNQKKVLA KTLISLPPQE ATNSSKPQPT YEELEEEEQE DQFDLTVGIT  
DPEKIGDGMN AYYVAYKVTQ TSLPLFRSQ FAVKRRFSDF LGLYEKLSEK  
HSQNGFIVPP PPEKSLIGMT KVKVGKEDSS SAEFLEKRRR ALERYLQRIV  
NHPTMLQDPD VREFLEKEEL PRAVGTQTLS GAGLLKMFNK ATDAVSKMTI  
KMNESDIWFE EKLQEVECEE QRLRKLHAVV ETLVNRKEL ALNTAQFAKS  
LAMLGSSEDN TALSRAISQL AEVEEKIEQL HQEQANNDFF LLAELLSDYI  
RLLAIVRAAF DQRMKTQQRW QDAQATLQKK REAEARLLWA NKPKLQQAQ  
DEILEWESRV TQYERDFERI STVVRKEVIR FEKEKSKDFK NHVIKYLETL  
LYSQQQLAKY WEAFLPEAKA IS
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## USAGE

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.4 mg/mL. Do not vortex.

## STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

## STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

## Image

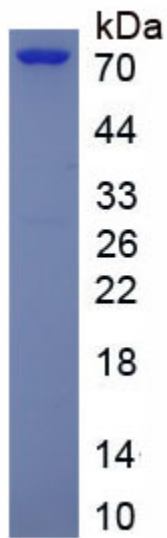


Figure. SDS-PAGE

## **[IMPORTANT NOTE]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.