Recombinant Rat NSFL1 cofactor p47 (Nsfl1c)

Product Code	CSB-YP016103RA
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O35987
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥85% (SDS-PAGE)
Sequence	MAEERQDALR EFVAVTGAEE DRARFFLESA GWDLQIALAS FYEDGGDEDI VTISQATPSS VSRGTAPSDN RVTSFRDLIH DQDEEEEEEE GQRFYAGGSE RSGQQIVGPP RKKSPNELVD DLFKGAKEHG AVAVERVTKS PGETSKPRPF AGGGYRLGAA PEEESAYVAG ERRRHSGQDV HVVLKLWKTG FSLDNGDLRS YQDPSNAQFL ESIRRGEVPA ELRRLAHGGQ VNLDMEDHRD EDFVKPKGAF KAFTGEGQKL GSTAPQVLNT SSPAQQAENE AKASSSILIN EAEPTTNIQI RLADGGRLVQ KFNHSHRISD IRLFIVDARP AMAATSFVLM TTFPNKELAD ENQTLKEANL LNAVIVQRLT
Source	Yeast
Target Names	Nsfl1c
Protein Names	Recommended name: NSFL1 cofactor p47 Alternative name(s): XY body-associated protein XY40 p97 cofactor p47
Expression Region	1-370
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	N-ethylmaleimide-sensitive factor (NSF) and valosin-containing protein (p97) are two ATPases known to be involved in transport vesicle/target membrane fusion and fusions between membrane compartments. A trimer of This protein binds a hexamer of cytosolic p97 and is required for p97-mediated regrowth of Golgi cisternae from mitotic Golgi fragments. Multiple transcript variants encoding several different isoforms have been found for this gene.
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.