



Recombinant Bovine NSFL1 cofactor p47 (NSFL1C)

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|--------------------------|---|
| Product Code | CSB-EP668797BO |
| Abbreviation | NSFL1C |
| 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. | Q3SZC4 |
| Product Type | Recombinant Protein |
| Immunogen Species | Bos taurus (Bovine) |
| Purity | ≥85% (SDS-PAGE) |
| Sequence | MAAERQDALR EFVAVTGAEE DRARFFLESA GWDLQIALAS FYEDGGDEDI VTISQATPSS VSRGTAPSDN RVTSFRDLIH DQDEDEEEEE GQRFYAGGSE RSGQQIVGPP RKRSPNELVD DLFKGAKEHG AVAVERVTKS PGETSKPRPF AGGGYRLGAA PEEESAYVAG ERRRHSGQDV HVVLKLWKTG FSLDNGELRS YQDPSNAQFL ESIRRGVPA ELRRLAHGGQ VNLDMEDHRD EDFVKPKGAF KAFTGEGQKL GSTAPQILNT SSPAQQAENE AKASSSISID ESQPTTNIQI RLADGGRLVQ KFNHSHRISD IRLFIVDARP AMAATSFVLM TTFPNKELAD ENQTLKEANL LNAVIVQRLT |
| Source | E.coli |
| Target Names | NSFL1C |
| Protein Names | Recommended name: NSFL1 cofactor p47 Alternative name(s): 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

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