# Recombinant Ubiquilin 2 (UBQLN2) Instruction Manual

## SIPG916Hu01

**Homo sapiens (Human)**

| | |
|---|---|
| **Source** | Prokaryotic expression |
| **Host** | E.coli |
| **Endotoxin Level** | <1.0EU per 1μg (determined by the LAL method) |
| **Subcellular Location** | Nucleus, Cytoplasm |
| **Predicted Molecular Mass** | 14.0kDa |
| **Accurate Molecular Mass** | 14kDa(Analysis of differences refer to the manual) |
| **Residues & Tags** | Ile33~Ala126 with N-terminal His Tag |
| **Buffer Formulation** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| **Traits** | Freeze-dried powder |
| **Purity** | > 95% |
| **Isoelectric Point** | 9.4 |
| **Applications** | Positive Control; Immunogen; SDS-PAGE; WB. |

### SEQUENCE

```
                                    IKVTVKTP KEKEEFAVPE
NSSVQQFKEA ISKRFKSQTD QLVLIFAGKI LKDQDTLIQH GIHDGLTVHL
VIKSQNRPQG QSTQPSNAAG TNTTSA
```

### USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

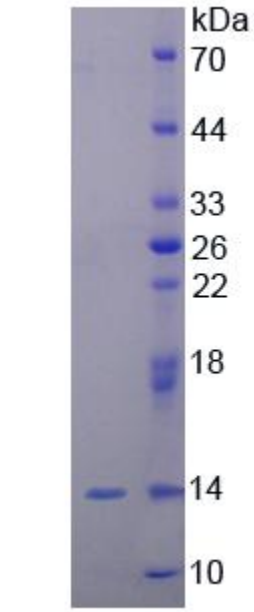
### STORAGE

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**




SDS-PAGE Image

**[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.