# Recombinant Peripheral Myelin Protein 22 (PMP22) Instruction Manual

# SIPC168Hu01

### Homo sapiens (Human)

**Source** Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationMembranePredicted Molecular Mass25.2kDa

Accurate Molecular Mass 22/19kDa(Analysis of differences refer to the manual)

Residues & Tags

Gly31~Gly133 with Two N-terminal Tags, His-tag and

SUMO-tag

100mMNaHCO<sub>3</sub>, 500mMNaCl, pH8.3, containing 1mM

**Buffer Formulation** EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

**Traits** Freeze-dried powder

Purity > 90% Isoelectric Point 6.5

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

#### **SEQUENCE**

GNGHATDLWQ NCSTSSSGNV

HHCFSSSPNE WLQSVQATMI LSIIFSILSL FLFFCQLFTL TKGGRFYITG

IFQILAGLCV MSAAAIYTVR HPEWHLNSDY SYG

## **USAGE**

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) 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.



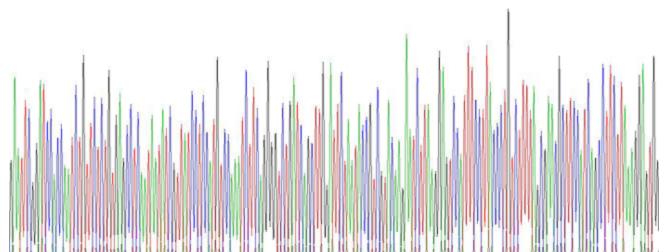


Figure. SDS-PAGE

## [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.