

RPC746Mu01 200µg
Recombinant Peripheral Myelin Protein 22 (PMP22)
Organism Species: *Mus musculus* (Mouse)
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Ser64

Tags: N-terminal His and GST Tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

Original Concentration: 150µg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.2

Predicted Molecular Mass: 37.0kDa

Accurate Molecular Mass: 37kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[SEQUENCE]

MLLLLLGILF LHI AVL VLLF VSTIVSQWLV GNGHTTDLWQ NCTTSALGAV
QHCYSSSVSE WLQS

[IDENTIFICATION]

G A A T T C A T G C T O C T A C T C T T G T T G G G A T C C T G T T O C T G C A C A T G C G G G T G C T A G T G T T G C T C T T G C T C T O C A C C A T G C T A G C C A A T G G C T G C T G G G C A A T G G A C A C A G A C T G A T C T C T G G C A G A A Z T G F A C C A C A T C G C G C C T T G G G A G C G T C C A A C A C T G C T A C T C C A T C A G T G

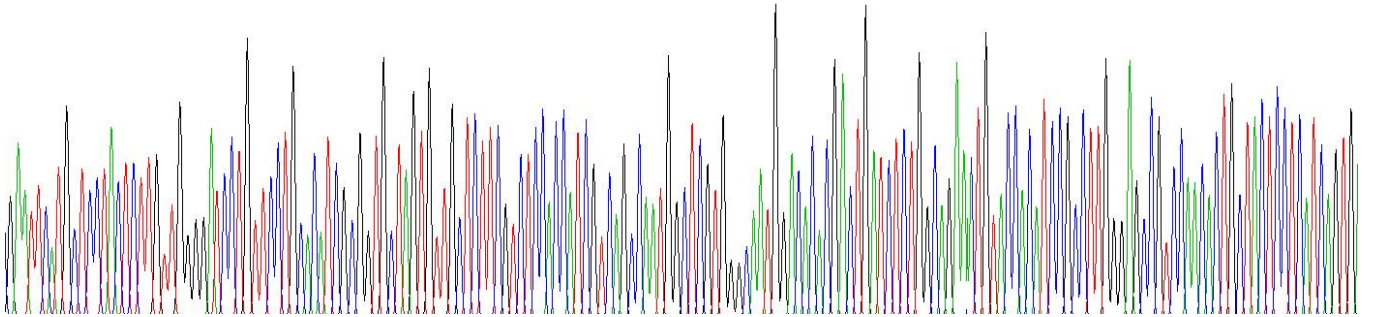


Figure . Gene Sequencing (extract)

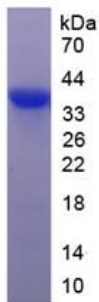


Figure. SDS-PAGE

[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.