

Recombinant Permeability Glycoprotein (Pgp) Instruction Manual

SIPB854Ra01

Rattus norvegicus (Rat)

| | |
|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Membrane, Secreted |
| Predicted Molecular Mass | 33.8kDa |
| Accurate Molecular Mass | 34kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Ala999~Ser1277 with N-terminal His Tag |
| Buffer Formulation | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| Traits | Freeze-dried powder |
| Purity | > 90% |
| Isoelectric Point | 9.1 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

AK
AKVSASHIIG IIEKIPEIDS YSTEGLKPNW LEGNVKFNQV KFNYPTRPNI
PVLQGLSFEV KKGQTLRLVG SSGCGKSTVV QLLERFYNPM AGTVFLDGKE
IKQLNVQCVR ALGIVSQEPI LFDCSIAENI AYGDNSRVVS HEEIVRAARE
ANIHQFIDSL PEKYNTRVGD KGTQLSGGQK QRIAIARALV RQPHILLLDE
ATSALDTESE KVVQEALDKA REGRTCVVIA HRLSTIQNAD LIVVIQNGQV
KEHGTHQQLL AQKGIYFSMV QAGAKRS

USAGE

Reconstitute in 10mM PBS (pH7.4) 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



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.