# Recombinant Permeability Glycoprotein (Pgp) Instruction Manual

# SIPB854Hu02

# Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	31.9kDa
Accurate Molecular Mass	32kDa(Analysis of differences refer to the manual)
Residues & Tags	Thr1023~Gln1280 with N-terminal His Tag
<b>Buffer Formulation</b>	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	8.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

TEGLMPNT LEGNVTFGEV VFNYPTRPDI PVLQGLSLEV KKGQTLALVG SSGCGKSTVV QLLERFYDPL AGKVLLDGKE IKRLNVQWLR AHLGIVSQEP ILFDCSIAEN IAYGDNSRVV SQEEIVRAAK EANIHAFIES LPNKYSTKVG DKGTQLSGGQ KQRIAIARAL VRQPHILLLD EATSALDTES EKVVQEALDK AREGRTCIVI AHRLSTIQNA DLIVVFQNGR VKEHGTHQQL LAQKGIYFSM VSVQAGTKRQ

#### USAGE

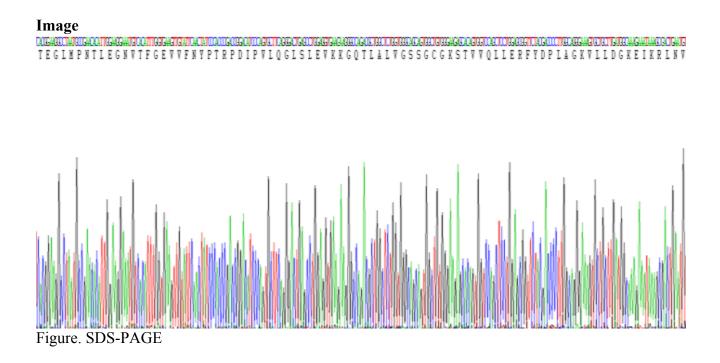
Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

# 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.



# [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.