

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
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	8.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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

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

