Eukaryotic Secretogranin II (SCG2) Instruction Manual

SFPF198Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	69.4kDa
Accurate Molecular Mass	80kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln31~Met617 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	> 90%
Isoelectric Point	4.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                                QRNQLLQKEP DLRLENVQKF
PSPEMIRALE YIENLRQQAH KEESSPDYNP YQGVSVPLQQ KENGDESHLP
ERDSLSEEDW MRIILEALRQ AENEPQSAPK ENKPYALNSE KNFPMDMSDD
YETQQWPERK LKHMQFPPMY EENSRDNPFK RTNEIVEEQY TPQSLATLES
VFQELGKLTG PNNQKRERMD EEQKLYTDDE DDIYKANNIA YEDVVGGEDW
NPVEEKIESQ TQEEVRDSKE NIEKNEQIND EMKRSGQLGI QEEDLRKESK
DQLSDDVSKV IAYLKRLVNA AGSGRLQNGQ NGERATRLFE KPLDSQSIYQ
LIEISRNLQI PPEDLIEMLK TGEKPNGSVE PERELDLPVD LDDISEADLD
HPDLFQNRML SKSGYPKTPG RAGTEALPDG LSVEDILNLL GMESAANQKT
SYFPNPYNQE KVLPRLPYGA GRSRSNQLPK AAWIPHVENR QMAYENLNDK
DQELGEYLAR MLVKYPEIIN SNQVKRVPGQ GSSEDDLQEE EQIEQAIKEH
LNQGSSQETD KLAPVSKRFP VGPPKNDDTP NRQYWDEDLL MKVLEYLNQE
KAEKGREHIA KRAMENM
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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.

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.
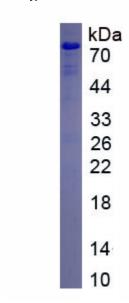
Image

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.