

Recombinant Sequestosome 1 (SQSTM1) Instruction Manual

SIPD098Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	51.3kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala2~Leu439 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	4.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ASLTVKAYL LGKEEAAREI RRFSCFCFSPE PEAEAAAGPG PCERLLSRVA
VLFPALRPGG FQAHYRDEEDG DLVAFSSDEE LTMAMSYVKD DIFRIYIKEK
KECRREHRPP CAQEARS MVH PNVICDGCNG PVVGTRYKCS VCPDYDLCSV
CEGKGLHREH SKLIFPNPFG HLSDSFHSR WLRKCLKHGHF GWPGWEMGPP
GNWSPRPPRA GDGRPCPTAE SASAPSEDPN VNFLKNVGES VAAALSPLGI
EVDIDVEHGG KRSRLTPTSA ESSSTGTEDK SGTQPSSCSS EVSKPDGAGE
GPAQSLTEQM KKIALESVGQ PEELMESDNC SGGDDDWTHL SSKEVDPSTG
ELQSLQMPES EGPSSLDPSQ EGPTGLKEAA LYPHLPPEAD PRLIESLSQM
LSMGFSDEGG WLTRLLQTKN YDIGAALDTI QYSKHPPPL
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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

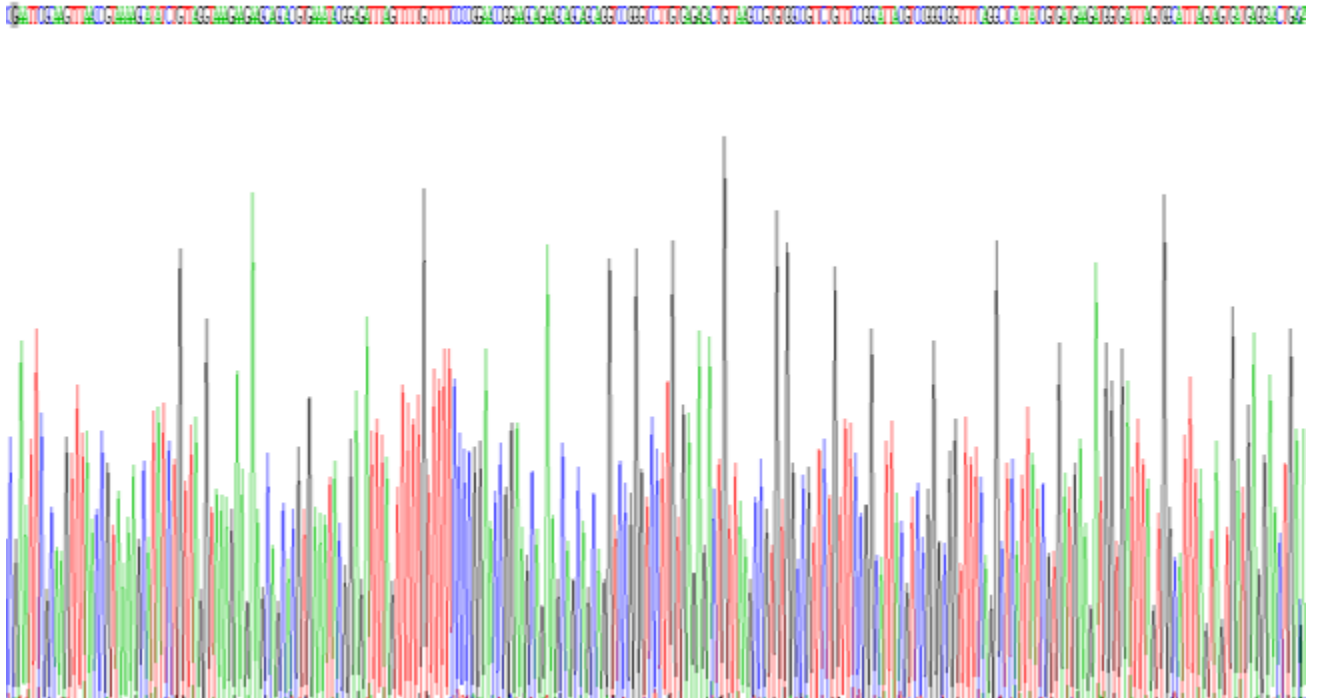


Figure. SDS-PAGE

[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.

