

Eukaryotic Sortilin 1 (SORT1) Instruction Manual

SFPC575Mu61

Mus musculus (Mouse)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Golgi apparatus
Predicted Molecular Mass	77.5kDa
Accurate Molecular Mass	100kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg74~Ser754 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	5.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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RRGAPAE DQDCGRLPDF IAKLTNNTHQ
HFVDDLGSV SLSWVG DSTG VILVLTTFQV PLVIVSFGQS KLYRSEDYGK
NFKDITNLIN NTFIRTEFGM AIGPENSGKV ILTAEVSGGS RGGRVFRSSD
FAKNFVQTDL PFHPLTQMMY SPQNSDYLLA LSTENGLWVS KNFGEKWEEI
HKAVCLAKWG PNNIIFFTTH VNGSCKADLG ALELWRTSDL GKTFKTIGVK
IYSFGLGGRF LFASVMADKD TTRRIHVSTD QGDTWSMAQL PSVGQEQFYS
ILAANEDMVF MHVDEPGDTG FGTIFTSDDR GIVYSKSLDR HLYTTTGGET
DFTNVTSLRG VYITSTLSED NSIQSMITFD QGGRWEHLRK PENSKCDATA
KNKNECSLHI HASYSISQKL NVPMAPLSEP NAVGIVIAHG SVGDAISVMV
PDVYISDDGG YSWAKMLEGP HYYTILDSGG IIVAIEHSNR PINVIKFSTD
EGQCWQSYVF TQEPIYFTGL ASEP GARS MN ISIWGFTESE ITRQWVSYTV
DFKDILERN C EEDDYTTWLA HSTDPGDYKD GCILGYKEQF LRLRKSSVCQ
NGRDYVVAKQ PSVCPCSLED FLCDFGYFRP ENASECVEQP ELKGHELEFC
LYGKEEHLTT NGYRKIPGDK CQGGMNPARE VKDLKKKCTS NFLNPTKQNS
KSNS
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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

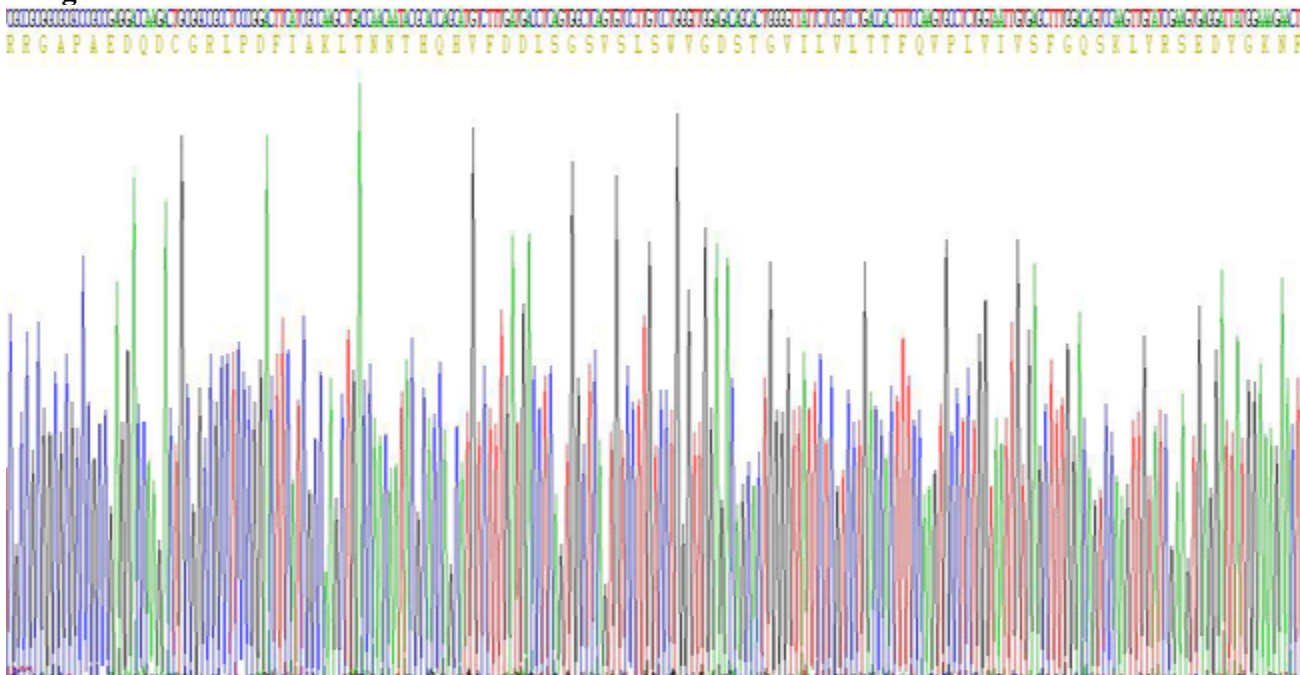


Figure. SDS-PAGE

[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.