

Recombinant ADP Ribosyltransferase 1 (ART1) Instruction Manual

SIPG733Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	37.3kDa
Accurate Molecular Mass	37kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln23~Cys325 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QSYSISQL DIFSQETPLD MAPASFDDQY
AGCLADMTAA LPDLNHSEFQ ANKVYADGWA QANNQWQERR AWGSVWGS LP
PSPPGFRDEH GVALLAYTAN SPLHKEFNAA VREAGRSRAH YLHHFSFKTL
HFLLTEALQL LRSHRSRGCQ QVYRGVHGLR FRPAGPGATV RLGGFASASL
KNVAAQQFGE DTFFGIWTCL GAPIRGYSFF PEEEEVLIPP FETFQVINTS
RPTQGPARIY LRALGKRSTY NCEYIKEKCC RSGPCWLGSS APGSISASCS
LLLLLLFLVL SALPENPGLQ QLTRC
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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

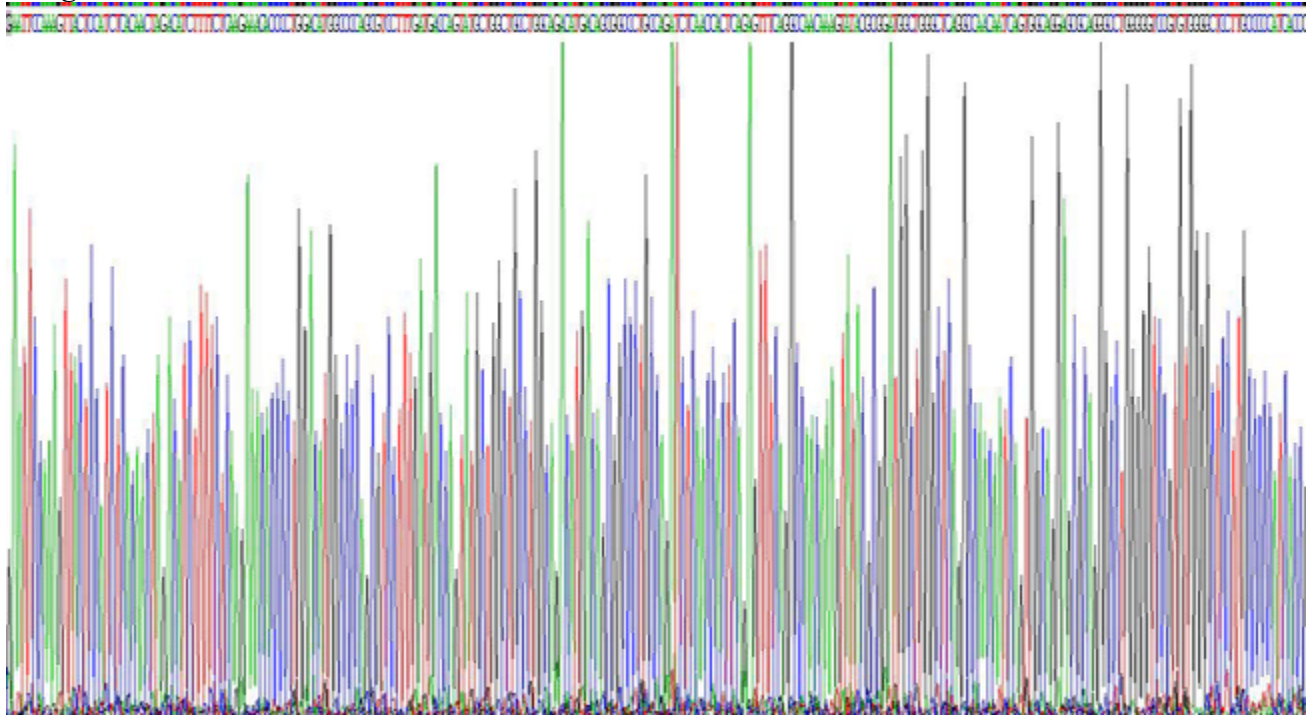


Figure. SDS-PAGE

[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.

