

Recombinant Lipoprotein, a (Lpa) Instruction Manual

SIPA192Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	39.1kDa
Accurate Molecular Mass	39kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp1719~Arg2038 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
DC MFGNGKGYRG KKATTVTGTP CQEWAAQEPH
RHSTFIPGTN KWAGLEKNYC RNPDGDINGP WCYTMNPRKL FDYCDIPLCA
SSSFDCGKPQ VEPKKCPGSI VGGCVAHPHS WPWQVSLRTR FGKHFCGGTL
ISPEWVLTAA HCLKKSSRPS SYKVILGAHQ EVNLESHVQE IEVSRLFLEP
TQADIALLKL SRPAVITDKV MPACLPSPDY MVTARTECYI TGWGETQGTF
GTGLLKEAQL LVIENEVCNH YKYICAEHLA RGTDSCQGDS GGPLVCFEKD
KYILQGVTSW GLGCARPKNP GYARVSRFV TWIEGMMR
```

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

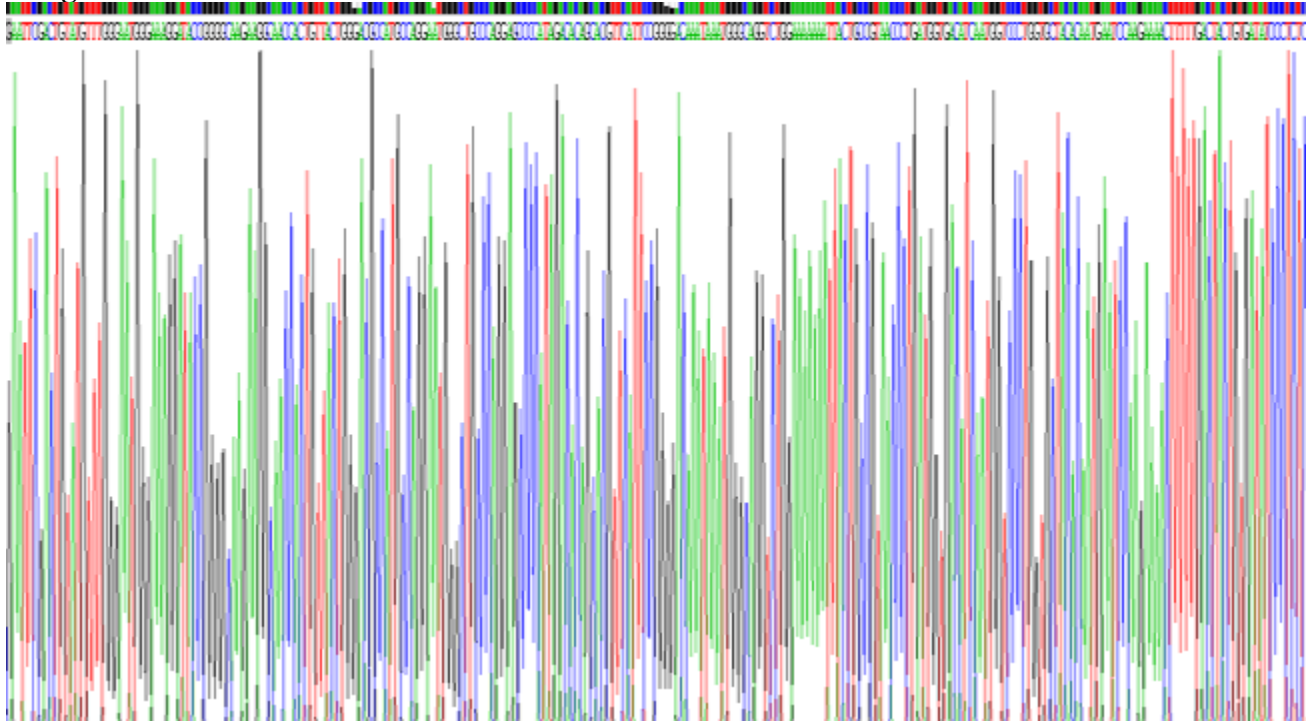


Figure. SDS-PAGE

[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.