

Recombinant Extracellular Matrix Protein 1 (ECM1) Instruction Manual

SIPC517Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	62.5kDa
Accurate Molecular Mass	70kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala20~Glu540 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	6.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
A  SEGGFTATGQ  RQLRPEHFQE  VGYAAPPSP
LSRSLPMDHP  DSSQHGGPFE  GQSQVQPPPS  QEATPLQQEK  LLPAQLPAEK
EVGPPLPQEA  VPLQKELPSL  QHPNEQKEGT  PAPFGDQSH  EPESWNAAQH
CQQDRSQGGW  GHRLDGFPPG  RSPDNLNQI  CLPNRQHVVY  GPWNLPQSSY
SHLTRQGETL  NFLEIGYSRC  CHCRSHTNRL  ECAKLVWEEA  MSRFCEAEFS
VKTRPHWCCT  RQGEARFSCF  QEEAPQPHYQ  LRACPSHQPD  ISSGLELPFP
PGVPTLDNIK  NICHLRFRS  VPRNLPATDP  LQRELLALIQ  LEREFQRCCR
QGNHHTCTWK  AWEDTLDKYC  DREYAVKTHH  HLCCRHPSP  TRDECFARRA
PYPNYDRDIL  TIDIGRVTPN  LMGHLCGNQR  VLTCHKHIPG  LIHNMTARCC
DLPFPEQACC  AEEEKLTFIN  DLGPRRNIW  RDPALCCYLS  PGDEQVNCFN
INYLNRNALV  SGD TENAKGQ  GEQGSTGGTN  ISSTSEPKKE
```

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

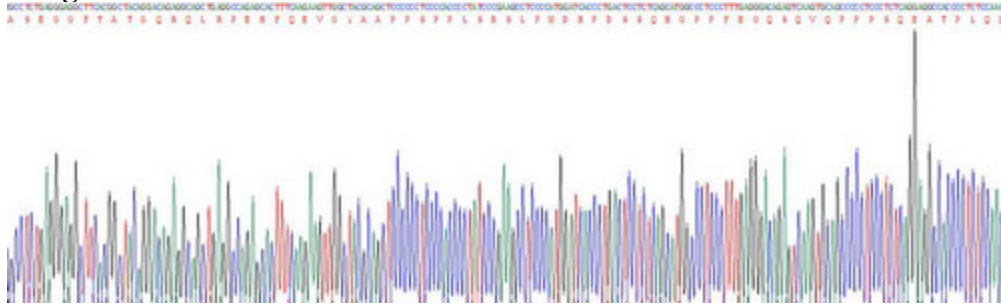
STORAGE

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



SDS-PAGE Image

[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.