

Recombinant Regucalcin (RGN) Instruction Manual

SIPC662Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	37.1kDa
Accurate Molecular Mass	37kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Gly299 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	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MSSIKVECVL RENYRCGESP VWEEASQSLL FVDIPSKIIC RWDTVSNQVQ  
RVAVDAPVSS VALRQLGGYV ATIGTKFCAL NWENQSVFVL AMVDEDKKN  
RFNDGKVDPA GRYFAGTMAE ETAPAVLERH QGSLYSLFPD HSVKKYFDQV  
DISNGLDWSL DHKIFYIDS LSYTVDAFDY DLQTGQISNR RIVYKMEKDE  
QIPDGMCI DA EGKLWVACYN GGRVIRLDPE TGKRLQTVKL PVDKTTSCCF  
GGKDYSEMYV TCARDGLNAE GLLRQPDAGN IFKITGLGVK GIAPYSYAG
```

USAGE

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

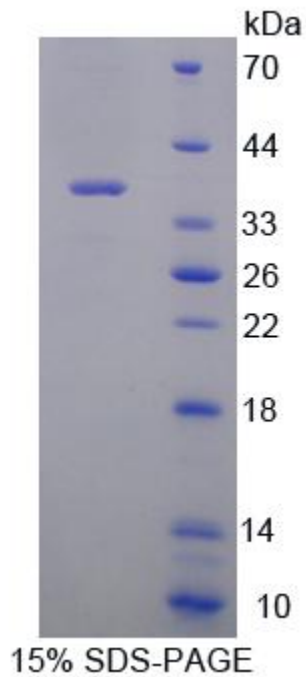
STORAGE

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



[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.