

Recombinant Relaxin (RLN) Instruction Manual

SIPB100Mu01

Mus musculus (Mouse)

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|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Secreted |
| Predicted Molecular Mass | 18.7kDa |
| Accurate Molecular Mass | 18kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Ser25~Ala181 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 | > 97% |
| Isoelectric Point | 6.1 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

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SEEWMD GFIRMCGREY ARELIKICGA  
SVGRLALSQE EPALLARQAT EVVPSFINKD AEPFD TTLKC LPNLSEELKA  
VLSEAQASLP ELQHAPVLS D SVVSLEGFKK TLHDRLGEAE DGSPPLKYL  
QSDTHSRKKR ESGGLMSQQC CHVGC SRRSI A
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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.

