

# Recombinant Renalase (RNLS)

## Instruction Manual

**SIPC390Hu03**

**Homo sapiens (Human)**

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Secreted
<b>Predicted Molecular Mass</b>	66.2kDa
<b>Accurate Molecular Mass</b>	66kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Ala18~Ile342 with N-terminal His Tag
<b>Buffer Formulation</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	6.1
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

### SEQUENCE

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ALL RRQTSGLPYL AVWDKAEDSG GRMTTACSPH  
NPQCTADLGA QYITCTPHYA KKHQRFYDEL LAYGVLRLPLS SPIEGMVMKE  
GDCNFVAPQG ISSIIKHLYK ESGAEVYFRH RVTQINLRDD KWEVSKQTGS  
PEQFDLIVLT MPVPEILQLQ GDITTLISEC QRQQLEAVSY SSRYALGLFY  
EAGTKIDVPW AGQYITSNPC IRFVSDNKK RNIESSEIGP SLVIHTTVPF  
GVTYLEHSIE DVQELVFQQL ENILPGLPQP IATKCQKWRH SQVTNAAANC  
PGQMTLHHKP FLACGGDGFT QSNFDGCITS ALCVLEALKN YI
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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

