

Recombinant Interferon Beta (IFN β)

Instruction Manual

SIPA102Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1 μ g (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	18.9kDa
Accurate Molecular Mass	21&17kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp23~Phe169 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	9.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

DYKQLQFR QSTSIRTCQK LLRQLNGRLN
LSYRTDFKIP MEVMHPSQME KSYTAFAIQV MLQNVFLVFR SNFSSTGWNE
TIVESLLDEL HQQTELLEII LKEKQEERLT WVTSTTTLGL KSYWVRVQRY
LKDKKYNSYA WMVVRAEVF

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.

