

Recombinant Insulin Like Growth Factor 1 (IGF1) Instruction Manual

SIPA031Mu02

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	15.4kDa
Accurate Molecular Mass	16kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly49~Met153 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	9.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

ETLCGAELVD ALQFVCGPRG FYFNKPTGYG SSIRRAPQTG IVDECCFRSC
DLRRLEMYCA PLKPTKAARS IRAQRHTDMP KTQKEVHLKN TSRGSAGNKT
YRM GP

USAGE

Reconstitute in 10mM PBS (pH7.4) 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.

