

Recombinant Growth Hormone (GH) Instruction Manual

SIPA027Bo01

Bos taurus; Bovine (Cattle)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	25.4kDa
Accurate Molecular Mass	25kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala27~Phe217 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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AFPA MSLSGLFANA VLRAQHLHQL  
AADTFKEFER TYIPEGQRYS IQNTQVAFCF SETIPAPTGK NEAQKSDLE  
LLRISLLLIQ SWLGPLQFLS RVFTNSLVFG TSDRVYEKLNK DLEEGILALM  
RELEDGTPRA GQILKQTYDK FDTNMRSDDA LLKNYGLLSC FRKDLHKTET  
YLRVMKCRRF GEASCAF
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USAGE

Reconstitute in ddH₂O 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.

