

Recombinant Galanin (GAL)

Instruction Manual

SIPB055Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	40.5kDa
Accurate Molecular Mass	44kDa(Analysis of differences refer to the manual)
Residues & Tags	Met26~Leu121 with N-terminal His and GST 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	6.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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                MPTKE KRGWTLNSAG YLLGPHAIDN  
HRSFSDKHGL TGKRELPLEV EEGRLGSVAV PLPESNIVRT IMEFLSFLHL  
KEAGALDSLP GIPLATSSD L
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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.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

A T G C C A C A A G G A G A G A G G T T G A C C C T G A C A G C C T G C T C C T T C T G G C C C A C A T G C C A T T G A C A C C A G A T C A T T A G C A C A G C A T G C C T C A C A G C A G A G G A G T T C C A C T G G A G T G A G A G G A G A C T A G A A G T G T C C T G T C C C C T C C C T G A G A C A T
M P T X E K R G V T L N S A G Y L L G P H A I D N H R S F S D K H G L T G K R E L P L E V E E G R I G S V A V P L P E S N

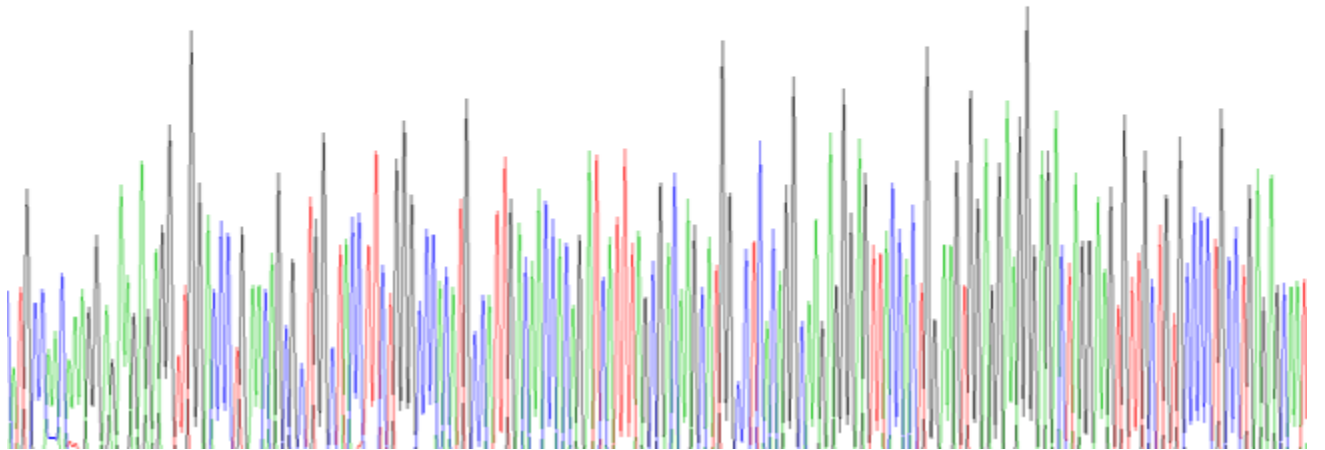


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.