

Recombinant Lymphocyte Activation Gene 3 (LAG3) Instruction Manual

SIPB650Mu02

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Secreted
Predicted Molecular Mass	48.7kDa
Accurate Molecular Mass	47kDa(Analysis of differences refer to the manual)
Residues & Tags	Ser23~Leu442 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	> 80%
Isoelectric Point	9.4
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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SGPGKELP VVWAQEGAPV HLP CSLKSPN
LDPNFLRRGG VIWQHQPDSG QPTPIPALDL HQGMPSRPQ APGRYTVLSV
APGGLRSGRQ PLHPHVQLEE RGLQRGDFSL WLRPALRTDA GEYHATVRLP
NRALSCSLRL RVGQASMIAS PSGVLKLSDW VLLNCSFSRP DRPVSVHWFQ
GQNRVPVYNS PRHFLAETFL LLPQVSP LDS GTWGCVLTYR DGFNVSITYN
LKVLGLEPVA PLTVYAAEGS RVELPCHLPP GVGTPSLLIA KWT PPGGGPE
LPVAGKSGNF TLHLEAVGLA QAGTYTCSIH LQGQQLNATV TLAVITVTPK
SFG L PGSRGK LLCEVTPASG KERFVWRPLN NLSRSCPGPV LEIQEARLLA
ERWQCQLYEG QRLLGATVYA AESSSGAHS A RRISGDLKGG HL
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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

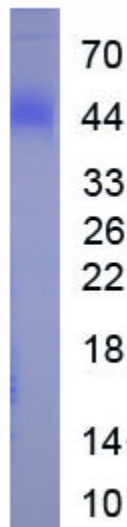


Figure. SDS-PAGE

[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.