

Recombinant Janus Kinase 2 (JAK2)

Instruction Manual

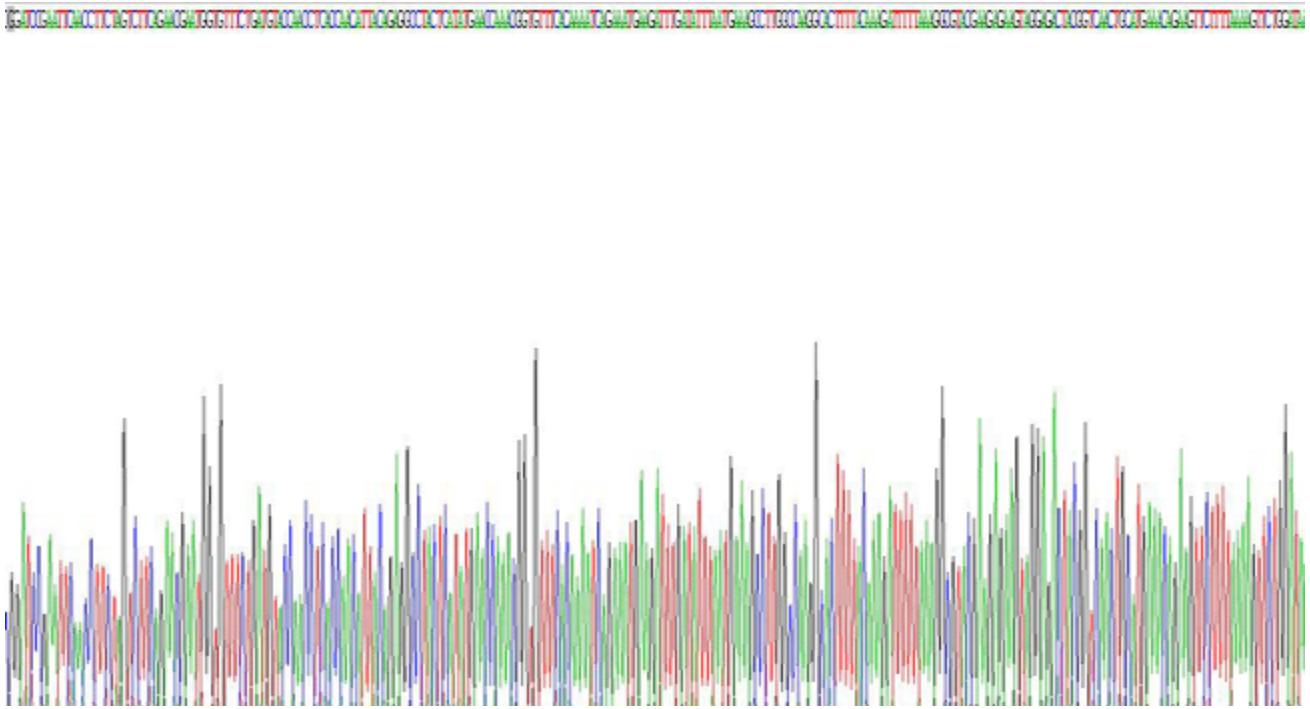
SIPF359Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus, Cytoplasm
Predicted Molecular Mass	34.9kDa
Accurate Molecular Mass	35kDa(Analysis of differences refer to the manual)
Residues & Tags	Asn508~Ala800 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	> 90%
Isoelectric Point	6.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

NLL VFRNGVSDV PTSPTLQRPT HMNQMVFHKI RNEDLIFNES
LGQGTFTKIF KGVRREVGDY GQLHETEVLL KVLDKAHRNY SESFFEAASM
MSKLSHKHLV LNYGVCVCGD ENILVQEfvK FGSLDTYLKK NKNCINILWK
LEVAKQLAWA MHFLEENTLI HGNVCAKNIL LIREEDRKTG NPPFIKLSDP
GISITVLPKD ILQERIPWVP PECIENPKNL NLATDKWSFG TTLWEICSGG
DKPLSALDSQ RKLQFYEDRH QLPAPKWAEL ANLINNCMDY EPDFRPSFRA



USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

STORAGE

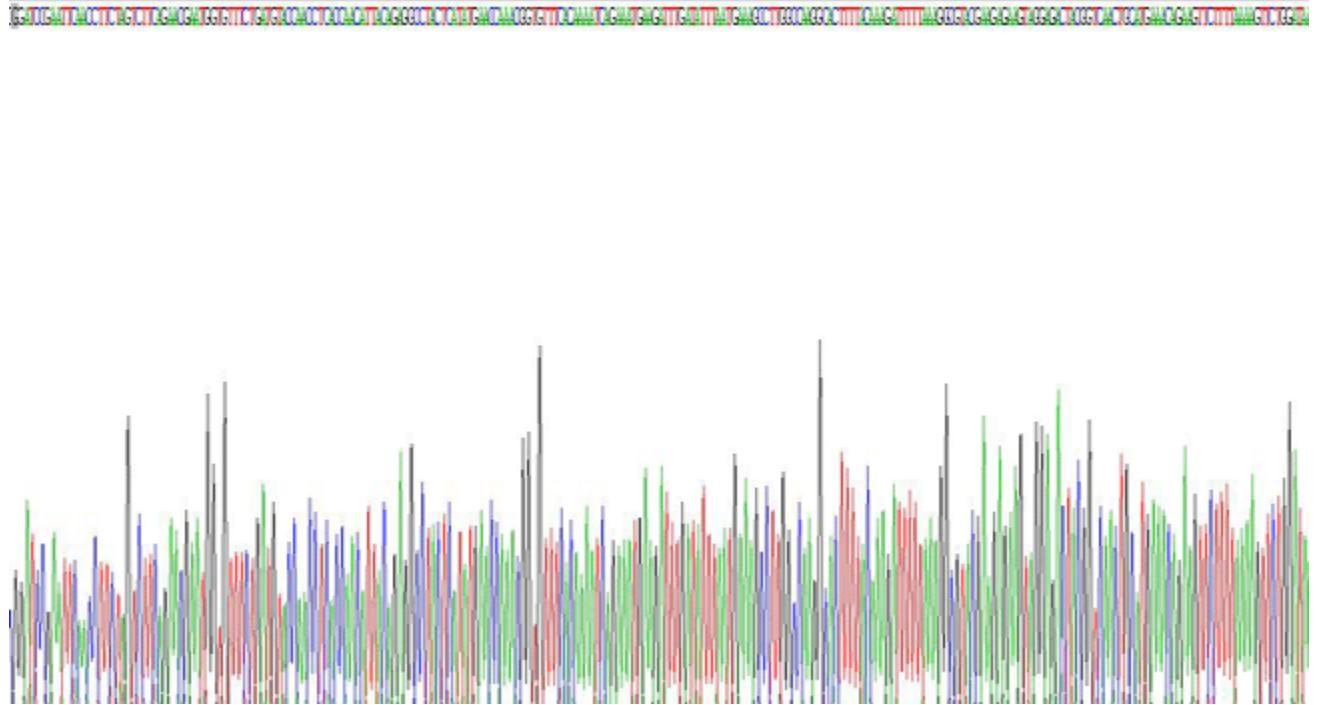
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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



SDS-PAGE Image

[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.