Eukaryotic Interleukin 27 (IL27) Instruction Manual

SFPX556Mu61

Mus musculus (Mouse)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	49.6kDa
Accurate Molecular Mass	60kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe29~Ser234+GGGGGS*3+Tyr19~Pro228 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

FPTDPLSLQELRREFTVSLYLARKLLSEVQGYVHSFAESRLPGVNLDLLPLGYHLPNVSLTFQAWHHLSDSERLCFLATTLRPFPAMLG GLGTQGTWTSSEREQLWAMRLDLRDLHRHLRFQVLAAGFKCSKEEEDKEEEEEEEEEKKLPLGALGGPNQVSSQVSWPQLLYTYQLLH SLELVLSRAVRDLLLLSLPRRPGSAWDS GGGGSGGGGGGGGG YTETALVALSQPRVQCHASRYPVAVDCSWTPLQAPNSTRSTSFIATYRLGVATQQQSQPCLQRSPQASRCTIPDVHLFSTVPYMLNVTA VHPGGASSSLLAFVAERIIKPDPPEGVRLRTAGQRLQVLWHPPASWPFPDIFSLKYRLRYRRGASHFRQVGPIEATTFTLRNSKPHAK YCIQVSAQDLTDYGKPSDWSLPGQVESAPHKP

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.

STABILITY

Image

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.

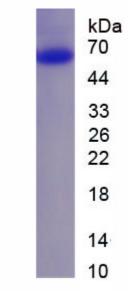


Figure. SDS-PAGE

[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.