Recombinant Midkine (MK) Instruction Manual

SIPA155Hu02

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass17.1kDa

Accurate Molecular Mass 17kDa(Analysis of differences refer to the manual)

Residues & Tags Ala22~Asp143 with N-terminal His Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 9.8

Applications Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

AKKKDKVKK GGPGSECAEW AWGPCTPSSK DCGVGFREGT CGAQTQRIRC RVPCNWKKEF GADCKYKFEN WGACDGGTGT KVRQGTLKKA RYNAQCQETI RVTKPCTPKT KAKAKAKKGK GKD

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

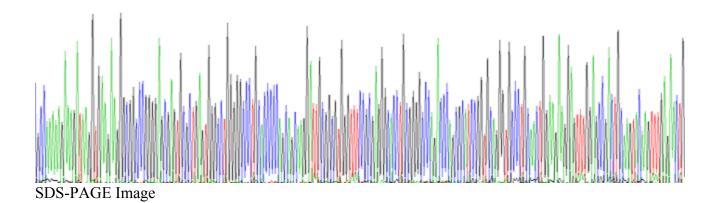
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.



BOANNEANG PAGGAGAGGOODGOGGGGGGCOCTOCTGGGGOOTGGGGOOTGAGCAAGATGGGGGGGGTTTOCGGAGGGACTGGGACGGATGAGGGGGTTGGAGGGGTTGGGACGATGAGGACTGGACGA A X X X D X V X X G G P G S E C A E V A V G P C T P S S X D C G V G F R E G T C G A O T O R I R C R V P C N V X X E F G A D C X Y X F E N V



[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.