Recombinant Brain Derived Neurotrophic Factor (BDNF) Instruction Manual

SIPA007Hu04

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationSecretedPredicted Molecular Mass26.7kDa

Accurate Molecular Mass 30kDa(Analysis of differences refer to the manual)

Residues & Tags

His129~Arg247 with Two N-terminal Tags, His-tag and

SUMO-tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 90% Isoelectric Point 8.4

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

SEQUENCE

HS DPARRGELSV CDSISEWVTA

ADKKTAVDMS GGTVTVLEKV PVSKGQLKQY FYETKCNPMG YTKEGCRGID KRHWNSQCRT TQSYVRALTM DSKKRIGWRF IRIDTSCVCT LTIKRGR

USAGE

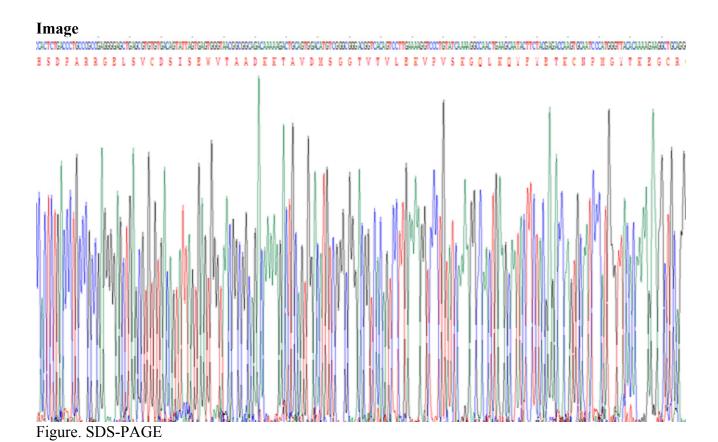
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

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.



[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.