RPE700Hu01 10µg

Recombinant Inhibitory Subunit Of NF Kappa B Epsilon (IkBe)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Arg207~Pro440

Tags: N-terminal His-Tag

Tissue Specificity: Brain.

Subcellular Location: Cytoplasm.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.1

Predicted Molecular Mass: 28.8kDa

Accurate Molecular Mass: 28kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{o}C for one month.

Aliquot and store at -80^{o}C for 12 months.

Stability Test: 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^{o}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.

[SEQUENCE]

RADS TYGSSSLTYT LSLLGGPEAE DPAPRLPLPH VGALSPQQLE
ALTYISEDGD TLVHLAVIHE APAVLLCCLA LLPQEVLDIQ NNLYQTALHL
AVHLDQPGAV RALVLKGASR ALQDRHGDTA LHVACQRQHL ACARCLLEGR
PEPGRGTSHS LDLQLQNWQG LACLHIATLQ KNQPLMELLL RNGADIDVQE
GTSGKTALHL AVETQERGLV QFLLQAGAQV DARMLNGCTP

[IDENTIFICATION]

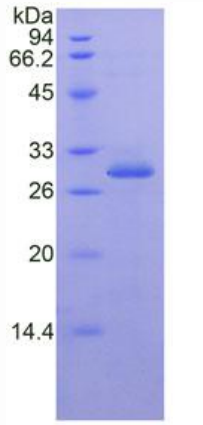

Figure 1. SDS-PAGE