

RPA551Mu01 200µg
Recombinant Fibroblast Growth Factor 2, Basic (FGF2)
Organism Species: Mus musculus (Mouse)
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*

Residuess: Pro10~Ser154

Tags: N-terminal His Tag

Tissue Specificity: Nucleus, Secreted

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

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

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

Predicted isoelectric point: 9.7

Predicted Molecular Mass: 20.0kDa

Accurate Molecular Mass: 20/23kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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°C for one month.

Aliquot and store at -80°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°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]

P ALPEDGGAAF PPGHFKDPKR LYCKNGGFFL RIHPDGRVDG
VREKSDPHVK LQLQAEERGVS IKGVCANR YLAMKEDGRL LASKCVTEEC
FFERLESNN YNTYRSRKYS SWYVALKRTG QYKLGSKTGP GQKAILFLPM
SAKS

[IDENTIFICATION]

PALPEDGGAAFFPPGHFKDPKRLYCKNGGFFLRIRIHPDGRVDGVREKSDPHVKLQLQAEERGVSISIKGVCANRYLAMKEDGRILLASKCVTEECFFFER

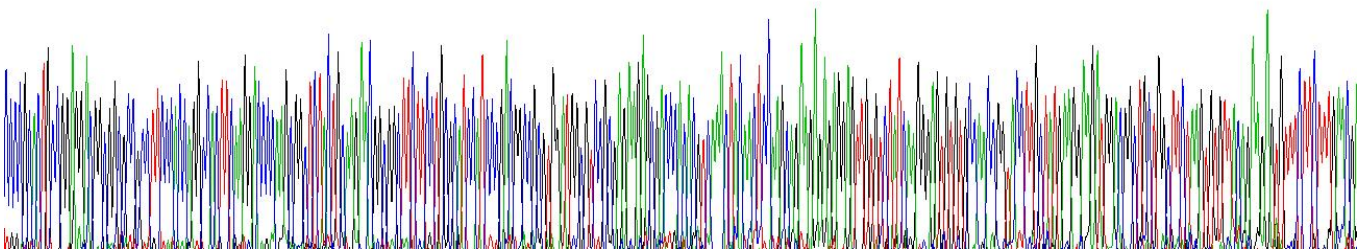
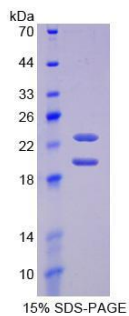


Figure. Gene Sequencing (Extract)



[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.