

RPC174Mu01 50µg

Recombinant Neuregulin 4 (NRG4)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Ser62

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 5% Trehalose.

Original Concentration: 250µg/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: 5.5

Predicted Molecular Mass: 10.5kDa

Accurate Molecular Mass: 11kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

MPTDHEQPCG PRHRSFCLNG GICYVIPTIP SPFCRCIENY TGARCEEVFL
PSSSIPSESN LS

[IDENTIFICATION]

G A T T C A T C C A C A G A T C A G G A G C C T G T G C T C C A G C A G C A T T T T T C C T G A T G C C C C G A T T T G T A T G C A T C C T A T A T C C C A G C C C A T T C T G T A G C C A T T G A A A T T A C C C G G C C C G T C C G A G C G T T T T T C C C A G C T C A C A T C C A G C A A T C T G T G C T C G A C C A C C C C C A C T G G T C C C C T G T A C A A C C C G A

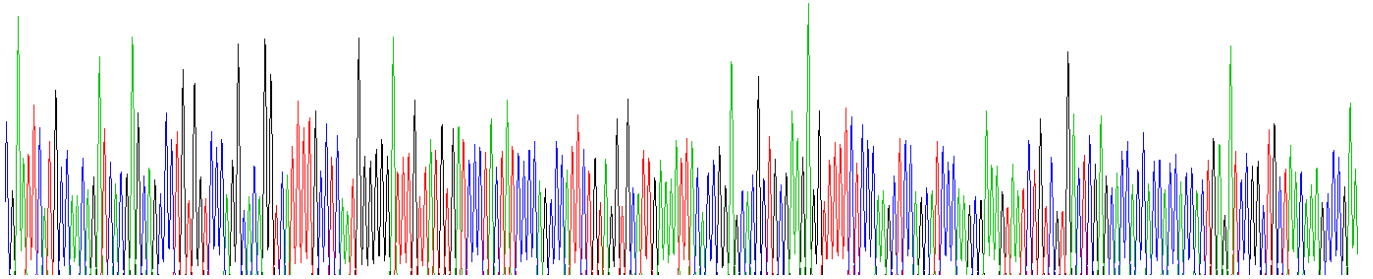


Figure . Gene Sequencing (extract)

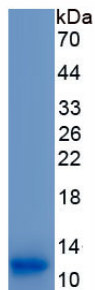


Figure. SDS-PAGE

[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.