

RPE162Hu01 10µg

Recombinant Farnesyl Diphosphate Synthase (FDPS)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Lys419

Tags: N-terminal His and GST Tag

Subcellular Location: Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 150µg/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: 5.8

Predicted Molecular Mass: 78.3kDa

Accurate Molecular Mass: 78kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.4mg/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]

```

MPLSRWLRSV  GVFLLPAPYW  APRERWLGSL  RRPSLVHGYP  VLAWHSARCW
CQAWTEEPRA  LCSSLRMNGD  QNSDVYAQEK  QDFVQHFSQI  VRVLTEDEMG
HPEIGDAIAR  LKEVLEYNAI  GGKYNRGLTV  VVAFRELVEP  RKQDADSLQR
AWTVGWCVEL  LQAFFLVADD  IMDSSLTRRG  QICWYQKPGV  GLDAINDANL
LEACIYRLK  LYCREQPYL  NLIELFLQSS  YQTEIGQTL  LLTAPQGNVD
LVRFTEKRYK  SIVKYKTAFY  SFYLPAAAAM  YMAGIDGEKE  HANAkkILLE
MGEFFQIQDD  YLDFLGDPSV  TGKIGTDIQD  NKCSWLVVQC  LQRATPEQYQ
ILKENYGQKE  AEKVARVKAL  YEELDLPAVF  LQYEEDSYSH  IMALIEQYAA
PLPPAVFLGL  ARKIYKRRK
  
```

[IDENTIFICATION]

AGTGGTGGAGCTGAGGAGCTCTTCTGCTGCTGAGCCCTTCAGGCACTCCGGGAGAGAGTGGCTTCCAGGCGCCCTCCCTGGTGAAGGATCCAGTCCGCGACAGTCCCTGCTGGTGCAGGCTGGAGCTTGGCTCCCTGAGTGGACGAGCCGATTGAGTGTATTGCTCCAGAAAGGAGATTGCTGCACT

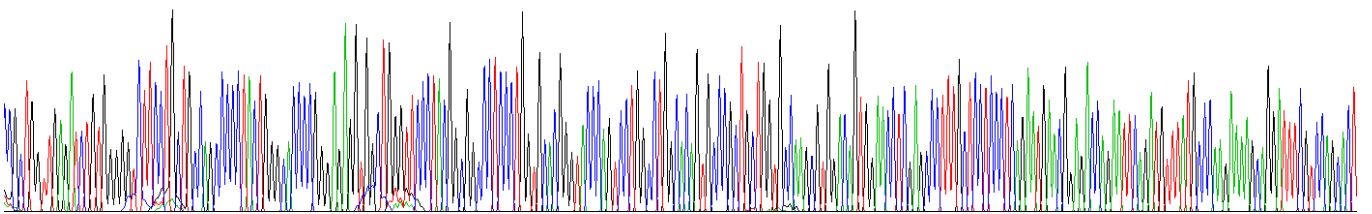
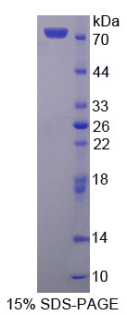


Figure . Gene Sequencing (extract)



[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.