

Recombinant Farnesyl Diphosphate Synthase (FDPS) Instruction Manual

SIPE599Hu01

Homo sapiens (Human)

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|---------------------------------|---|
| Source | Prokaryotic expression |
| Host | E.coli |
| Endotoxin Level | <1.0EU per 1µg (determined by the LAL method) |
| Subcellular Location | Cytoplasm |
| Predicted Molecular Mass | 78.3kDa |
| Accurate Molecular Mass | 78kDa(Analysis of differences refer to the manual) |
| Residues & Tags | Met1~Lys419 with N-terminal His and GST Tag |
| Buffer Formulation | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| Traits | Freeze-dried powder |
| Purity | > 97% |
| Isoelectric Point | 5.8 |
| Applications | Positive Control; Immunogen; SDS-PAGE; WB. |

SEQUENCE

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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  SFYLPAAAM  YMAGIDGEKE  HANAKKILLE
MGEFFQIQDD  YLDLFGDPSV  TGKIGTDIQD  NKCSWLVVQC  LQRATPEQYQ
ILKENYGQKE  AEKVARVKAL  YEELDPAVF  LQYEEDSYSH  IMALIEQYAA
PLPPAVFLGL  ARKIYKRRK
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USAGE

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

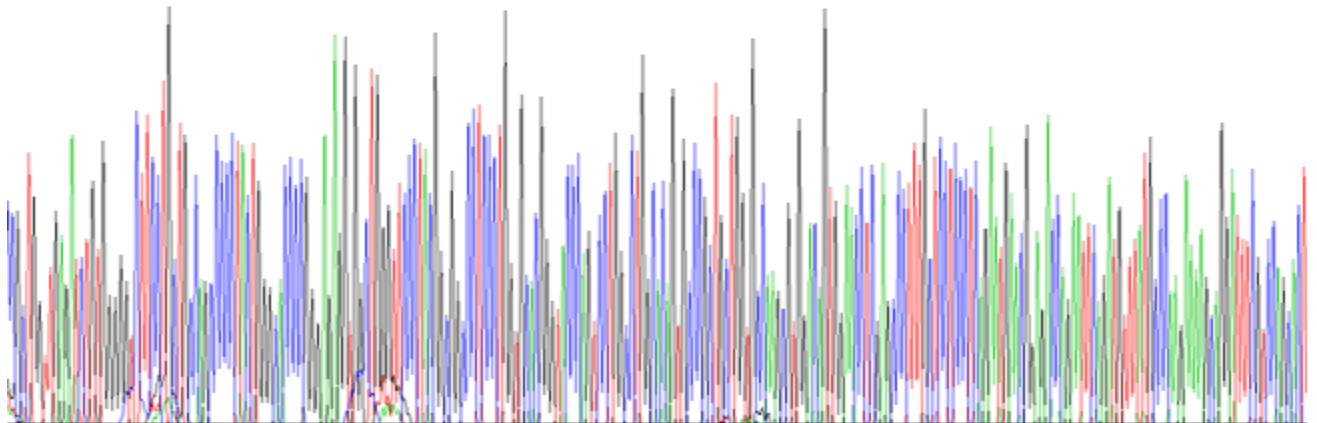
STORAGE

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.

Image



SDS-PAGE Image

[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.

