

Recombinant Human FDPS protein, His-SUMO-tagged

Cat. No. FDPS-2895H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FDPS protein(P14324)(1-419aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-419aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	64.3 kDa
AA Sequence	MPLSRWLRSVGVFLLPAPYWAPRERWLGSLRRPSLVHGYPVLAWSARCWCQAW TEEPRALCSSLRMNGDQNSDVYAQEKQDFVQHFSQIVRVLTEDEMGHPEIGDAIAR LKEVLEYNAIGGKYNRGLTVVVAFRELVEPRKQDADSLQRAWTVGWCVELLQAFLL VADDIMDSSLTRRGQICWYQKPGVGLDAINDANLLEACIYRLLKLYCREQPYYLNIE LFLQSSYQTEIGQTLDLLTAPQGNVDLVRFTEKRYKSIVKYKTAFYSFYLPAAAMYM AGIDGEKEHANAKKILLEMGEFFQIQDDYLDLFGDPSVTGKIGTDIQDNKCSWLVVQ CLQRATPEQYQILKENYQGKEAEKVARVKALYEELDLPVFLQYEEDSYSHIMALIEQ YAAPLPPAVFLGLARKIYKRRK

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Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	FDPS farnesyl diphosphate synthase [Homo sapiens]
Official Symbol	FDPS
Synonyms	FDPS; farnesyl diphosphate synthase; farnesyl pyrophosphate synthase; farnesyl pyrophosphate synthetase; dimethylallyltranstransferase; geranyltranstransferase; FPP synthase; FPP synthetase; (2E,6E)-farnesyl diphosphate synthase; farnesyl pyrophosphate synthetase, dimethylallyltranstransferase, geranyltranstransferase; FPS; FPPS;
Gene ID	2224
mRNA Refseq	NM_001135821
Protein Refseq	NP_001129293
MIM	134629
UniProt ID	P14324

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