

## Recombinant Human PDSS2 protein, His-tagged

**Cat. No.** PDSS2-3388H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human PDSS2 protein(1 - 242 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                            |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1 - 242 aa                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MNFRQLLLHLPRYLGASGSPRRLWWSPSLDTISSVGSWRGRSSKSPAHWNQVVSE<br>AEKIVGYPTSFMSLRCLLSDELSNIAMQVRKLVGTQHPLLTARGLVHDSWNSLQLR<br>GLVVLLISKAAGPSSVNTSCQNYDMVSGIYSCQRS LAEITELIHIALLVHRGIVNLNEL<br>QSSDGPLKDMQFGNKIAILSGDFLLANACNGLALLQNTKVVELLASALMDLVQGVYH<br>ENSTSKESYITDDI                  |
| <b>Purity</b>           | 90%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |

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**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

**GENE INFORMATION**

**Gene Name** PDSS2 prenyl (decaprenyl) diphosphate synthase, subunit 2 [ Homo sapiens ]

**Official Symbol** PDSS2

**Synonyms**

PDSS2; prenyl (decaprenyl) diphosphate synthase, subunit 2; C6orf210, chromosome 6 open reading frame 210; decaprenyl-diphosphate synthase subunit 2; bA59I9.3; decaprenyl pyrophosphate synthase subunit 2; subunit 2 of decaprenyl diphosphate synthase; decaprenyl pyrophosphate synthetase subunit 2; all-trans-decaprenyl-diphosphate synthase subunit 2; DLP1; hDLP1; C6orf210;

**Gene ID** 57107

**mRNA Refseq** NM\_020381

**Protein Refseq** NP\_065114

**MIM** 610564

**UniProt ID** Q86YH6

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