

## Recombinant Human ISPD Protein, MYC/DDK-tagged

Cat. No. ISPD-2617H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant Human ISPD protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.                                                                                                                         |
| Species          | Human                                                                                                                                                                                                                   |
| Source           | HEK293                                                                                                                                                                                                                  |
| Description      | This gene encodes a 2-C-methyl-D-erythritol 4-phosphate cytidylyltransferase-like protein. Mutations in this gene are the cause of Walker-Warburg syndrome. Alternate splicing results in multiple transcript variants. |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                   |
| Molecular Mass   | 44.2 kDa                                                                                                                                                                                                                |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                             |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                        |

### GENE INFORMATION

|                 |                                                             |
|-----------------|-------------------------------------------------------------|
| Gene Name       | ISPD isoprenoid synthase domain containing [ Homo sapiens ] |
| Official Symbol | ISPD                                                        |

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|                       |                                  |
|-----------------------|----------------------------------|
| <b>Synonyms</b>       | hCG_1745121; MDDGA7; MDDGC7; Nip |
| <b>Gene ID</b>        | 729920                           |
| <b>mRNA Refseq</b>    | NM_001101417                     |
| <b>Protein Refseq</b> | NP_001094887                     |
| <b>UniProt ID</b>     | A4D126                           |

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