

# Recombinant Human DDOST protein

**Cat. No.** DDOST-1127H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human DDOST protein(P39656-1) extracellular domain (Ser 43-Pro 427) was expressed and purified in E.coli, with additional two amino acids (Gly & Pro) at the N-terminus.        |
| <b>Species</b>          | Human                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 43-427 aa                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from sterile 50mM Tris, 150mM NaCl, pH 8.0.                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant human DDOST consists of 387 amino acids and has a calculated molecular mass of 42.7 kDa. It migrates as an approximately 46 kDa band in SDS-PAGE under reducing conditions. |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                           |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.        |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.               |

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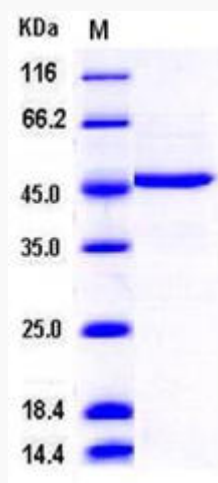
## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | DDOST dolichyl-diphosphooligosaccharide--protein glycosyltransferase [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | DDOST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Synonyms</b>        | DDOST; dolichyl-diphosphooligosaccharide--protein glycosyltransferase; dolichyl diphosphooligosaccharide protein glycosyltransferase; dolichyl-diphosphooligosaccharide--protein glycosyltransferase 48 kDa subunit; KIAA0115; OST; OST48; WBP1; DDOST 48 kDa subunit; advanced glycation endproduct receptor 1; oligosaccharyltransferase 48 kDa subunit; oligosaccharyl transferase 48 kDa subunit; dolichyl-diphosphooligosaccharide-protein glycotransferase; dolichyl-diphosphooligosaccharide-protein glycosyltransferase; AGER1; CDG1R; OKSWcl45; MGC2191; |
| <b>Gene ID</b>         | 1650                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | NM_005216                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | NP_005207                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | 602202                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | P39656                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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**SDS-PAGE**

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