

## Recombinant Human DDOST Protein

**Cat. No.** DDOST-211H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant Human DDOST fused with MYC/DDK tag at C-terminal was expressed in HEK293.                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-456 a.a.                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | Essential subunit of the N-oligosaccharyl transferase (OST) complex which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 46.1 kDa                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                  |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                             |

### GENE INFORMATION

|                  |                                                                             |
|------------------|-----------------------------------------------------------------------------|
| <b>Gene Name</b> | DDOST dolichyl-diphosphooligosaccharide--protein glycosyltransferase [ Homo |
|------------------|-----------------------------------------------------------------------------|

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|                        | <a href="#">sapiens ]</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Official Symbol</b> | <a href="#">DDOST</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <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>         | <a href="#">1650</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>mRNA Refseq</b>     | <a href="#">NM_005216</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Refseq</b>  | <a href="#">NP_005207</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>MIM</b>             | <a href="#">602202</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>      | <a href="#">P39656</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |