

Recombinant Human DDOST 293 Cell Lysate

Cat. No. DDOST-7024HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for dolichyl-diphosphooligosaccharide-protein glycosyltransferase (DDOST) is a lysate prepared from HEK293T cells transiently transfected with a True ORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Applications ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name	DDOST dolichyl-diphosphooligosaccharide--protein glycosyltransferase [Homo sapiens]
Official Symbol	DDOST
Synonyms	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;
Gene ID	1650
mRNA Refseq	NM_005216
Protein Refseq	NP_005207
MIM	602202
UniProt ID	P39656
Chromosome	1p36.1

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Location	
Pathway	Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Asparagine N-linked glycosylation, organism-specific biosystem; Gene Expression, organism-specific biosystem; Immune System, organism-specific biosystem; Innate Immune System, organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem;
Function	contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to dolichyl-diphosphooligosaccharide-protein glycotransferase activity; contributes_to oligosaccharyl transferase activity; transferase activity;

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