Recombinant Human DHDDS Protein, GST-tagged

Cat. No. DHDDS-2583H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DHDDS full-length ORF (AAH04117.1, 1 a.a. - 294 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene catalyzes cis-prenyl chain elongation to produce the polyprenyl backbone of dolichol, a glycosyl carrier lipid required for the biosynthesis of several classes of glycoproteins. Mutations in this gene are associated with retinitis pigmentosa type 59. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]
Molecular Mass	60.7 kDa
AA Sequence	MSWIKEGELSLWERFCANIIKAGPMPKHIAFIMDGNRRYAKKCQVERQEGHSQGFN KLAETLRWCLNLGILEVTVYAFSIENFKRSKSEVDGLMDLARQKFSRLMEEKCFLNV CFAYTSRHEISNAVREMAWGVEQGLLDPSDISESLLDKCLYTNRSPHPDILIRTSGEV RLSDFLLWQTSHSCLVFQPVLWPEYTFWNLFEAILQFQMNHSVLQKARDMYAEERK RQQLERDQATVTEQLLREGLQASGDAQLRRTRLHKLSARREERVQGFLQALELKRA DWLARLGTASA
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

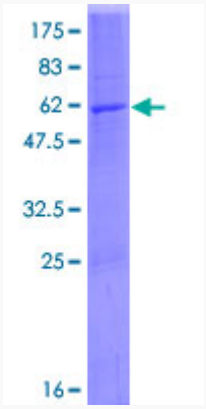
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45-1 Ramsey Road, Shirley, NY 11967, USA

	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DHDDS dehydrodolichyl diphosphate synthase [Homo sapiens]
Official Symbol	DHDDS
Synonyms	DHDDS; dehydrodolichyl diphosphate synthase; DS; FLJ13102; HDS; dedol-PP synthase; cis-prenyl transferase; cis-isoprenyltransferase; CIT; CPT; RP59;
Gene ID	79947
mRNA Refseq	NM_001243564
Protein Refseq	NP_001230493
MIM	608172
UniProt ID	Q86SQ9

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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