

Recombinant Full Length Human DHDDS Protein, Flag tagged

Cat. No. DHDDS-01HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human dehydrodolichyl diphosphate synthase (DHDDS), transcript variant 1 with C-Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-333 aa
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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	38.6 kDa
AASequence	MSWIKEGELSLWERFCANIIKAGPMPKHIAFIMDGNRRYAKKCQVERQEGHSQGFN KLAETLRWCLNLGILEVTVYAFSIENFKRSKSEVDGLMDLARQKFSRLMEEKEKLQK HGVCIRVLGDLHLLPLDLQELIAQAVQATKNYNKCFLNVCFAYSRHEISNAVREMA WGVEQGLLDPSDISESLDKCLYTNRSPHPDILIRTSGEVRLSDFLLWQTSHSCLVF QPVLWPEYTFWNLFMAILQFQMNHSMMLQKARDMYAEERKRQQLERDQATVTEQLL REGLQASGDAQLRRLRLHKLARSREERVQGFLLQALELKRADWLARLGTASATRTRP

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration pr centrifugeeess.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

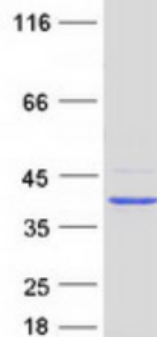
Gene Name	DHDDS dehydrodolichyl diphosphate synthase [Homo sapiens (human)]
Official Symbol	DHDDS
Synonyms	DHDDS; dehydrodolichyl diphosphate synthase; DS; FLJ13102; HDS; dedol-PP synthase; cis-prenyl transferase; cis-isoprenyltransferase; CIT; CPT; RP59;
Gene ID	79947
mRNA Refseq	NM_024887
Protein Refseq	NP_079163
MIM	608172
UniProt ID	Q86SQ9

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SDS-PAGE and WB



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