

Recombinant Full Length Human DPH2 Protein, GST-tagged

Cat. No. DPH2-4074HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPH2 full-length ORF (AAH16956, 1 a.a. - 489 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	489 amino acids
Description	This gene is one of two human genes similar to the yeast gene dph2. The yeast gene was identified by its ability to complement a diphthamide mutant strain, and thus probably functions in diphthamide biosynthesis. Diphthamide is a post-translationally modified histidine residue present in elongation factor 2 (EF2) that is the target of diphtheria toxin ADP-ribosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2016]
Molecular Mass	79.53 kDa
AA Sequence	MESMFSSPAEAAALQRETGVPGLLTPLDLDGVYELERVAGFVRDLGCERVALQFPD QLLGDAVAVAAARLEETTGSKMFI LGDTAYGSCCVDVLGAEQAGAQA LIHF GPACLS P PARPLPVAFVLRQRSVALELCVKAFEAQNPD PKAPV VLLSE PACAH ALEALATLLRP RYLDLLVSSPAFPQPVGSLSEPEMPLERFGRRFPLAPGRRLEEYGA FYVGGSKASP DPDLDPDLSRLLLGWAPGQPFS SSCPDTGKTQDEGARAGRLRARRRYLVERARDA RVVGLLAGTLGVAQHREALAHLRNLTQAAGKRSYVLALGRPTPAKLANFPEVDVFVL LACPLGALAPQLSGSFFQPILAPCELEAACNPAWPPPGLAPHLTHYADLLPGSPFHV

 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

ALPPPESELWETPDVSLITGDLRPPPAWKSSNDHGSLALTPRPQLELAESSPAASFL
SSRSWQGLEPRLGQTPVTEAVSGRRGIAIAYEDEGSG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
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

DPH2 DPH2 homolog (*S. cerevisiae*) [*Homo sapiens*]

Official Symbol

DPH2

Synonyms

DPH2; DPH2 homolog (*S. cerevisiae*); diphtheria toxin resistance protein required for diphthamide biosynthesis like 2 (*S. cerevisiae*) , DPH2 like 2 (*S. cerevisiae*) , DPH2L2; diphthamide biosynthesis protein 2; DPH2-like 2; diphthamide biosynthesis-like protein 2; diphthamide biosynthesis protein 2 homolog-like 2; diphtheria toxin resistance protein required for diphthamide biosynthesis-like 2; DPH2L2;

Gene ID

1802

mRNA Refseq

NM_001039589

Protein Refseq

NP_001034678

 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

MIM	603456
-----	--------

UniProt ID	Q9BQC3
------------	--------

 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