

Recombinant Human DNAJC24 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DNAJC24-6289H **Lot. No.** (See product label)

SPECIFICATION

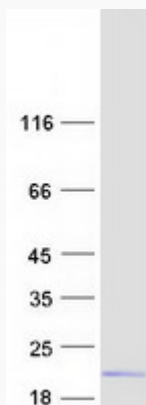
Product Overview	DNAJC24 MS Standard C13 and N15-labeled recombinant protein (NP_859057) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2). This modification is conserved from archaeobacteria to humans and serves as the target for ADP-ribosylation and inactivation of EEF2 by diphtheria toxin (DT) and Pseudomonas exotoxin A. DPH4 is 1 of several enzymes involved in synthesis of diphthamide in EEF2.
Molecular Mass	17 kDa
AA Sequence	MAVEQMPKKDWYSILGADPSANISDLKQKYQKLILMYHPDKQSTDVPAGTVEECVQ KFIEIDQAWKILGNEETKREYDLQRCEDDLRNVGPVDAQVYLEEMSWNEGDHSFY LSCRCGGKYSVSKDEAEVSLISCDTCSLIIELLHYNTRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	DNAJC24 DnaJ heat shock protein family (Hsp40) member C24 [Homo sapiens (human)]
Official Symbol	DNAJC24
Synonyms	DNAJC24; DnaJ (Hsp40) homolog, subfamily C, member 24; DPH4, DPH4 homolog (JJJ3, S. cerevisiae), DPH4, JJJ3 homolog (S. cerevisiae), ZCSL3, zinc finger, CSL type containing 3; dnaJ homolog subfamily C member 24; JJJ3; 1700030A21Rik; DPH4, JJJ3 homolog; DPH4 homolog (JJJ3, S. cerevisiae); zinc finger, CSL-type containing 3; zinc finger, CSL domain containing 3; CSL-type zinc finger-containing protein 3; DPH4; ZCSL3;
Gene ID	120526
mRNA Refseq	NM_181706
Protein Refseq	NP_859057
MIM	611072
UniProt ID	Q6P3W2

SDS-PAGE

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