Recombinant Full Length Human DNAJC24 Protein, GST-tagged

Cat. No. DNAJC24-4011HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DNAJC24 full-length ORF (1 a.a. - 148 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	148 amino acids
Description	Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2; MIM 130610). This modification is conserved from archaebacteria 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 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM, Mar 2008]
Molecular Mass	42.68 kDa
AA Sequence	MMAVEQMPKKDWYSILGADPSANISDLKQKYQKLILMYHPDKQSTDVPAGTVEECV QKFIEIDQAWKILGNEETKREYDLQRCDDLRNVGPVDAQVYLEEMSWNEGDHSFYL SCRCGGKYSVSKDEAEEVSLISCDTCSLIIELLHYN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	DNAJC24 DnaJ (Hsp40) homolog, subfamily C, member 24 [Homo sapiens]
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

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