Recombinant Human DNAJC24, His-tagged

Cat. No. DNAJC24-7600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human DNAJC24 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-149aa
Description	DnaJ homolog subfamily C member 24, also known as DNAJC24, is a member of the ZCSL family of proteins and each contain one DPH-type zinc finger. This enzyme is involved in the synthesis of diphthamide, a protein found on translation elongation factor EF-2 that is the target of bacterial ADP-ribosylating toxins. DNAJC24 stimulates the ATPase activity of several Hsp70-type chaperones. It is detected in heart, brain, spleen, lung, liver, kidney and testis.?
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	19.5kDa (172aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMAVEQM PKKDWYSILG ADPSANISDL KQKYQKLILM YHPDKQSTDV PAGTVEECVQ KFIEIDQAWK ILGNEETKRE YDLQRCEDDL RNVGPVDAQV YLEEMSWNEG DHSFYLSCRC GGKYSVSKDE AEEVSLISCD TCSLIIELLH YN

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Purity	>90% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C.Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml

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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Chromosome Location	11p14.1
Function	heat shock protein binding; metal ion binding; unfolded protein binding;

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