DNAJC24 Blocking Peptide

PRODUCT OVERVIEW

Product Name	DNAJC24, Blocking Peptide
Full Product Name	DNAJC24 Blocking Peptide
Product Gene Name	DNAJC24 blocking peptide
Product Synonym Names	1700030A21Rik; 2610027M02Rik; AV066965; AW240712; CSL type zinc finger containing protein 3; CSL-type zinc finger-containing protein 3; DJC24_HUMAN; DnaJ (Hsp40) homolog, subfamily C, member 24; DnaJ homolog subfamily C member 24; DNAJC24; DPH4 homolog (J
Antibody/Peptide Pairs	DNAJC24 peptide (MBS9633420) is used for blocking the activity of DNAJC24 antibody (MBS9631037)
Molecular Weight	9,693 Da
OMIM	611072
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for DNAJC24 blocking peptide	MBS9633420 is a blocking peptide targeting DNAJC24.
Other Notes	Small volumes of DNAJC24 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for DNAJC24. It may not necessarily be applicable to this product.

NCBI GI #	89111951
NCBI GeneID	120526
NCBI Accession #	NP_859057.4
UniProt Primary Accession #	Q6P3W2
UniProt Secondary Accession #	A8K0V0; B1ALC1; I6L9B4
UniProt Related Accession #	Q6P3W2
GenBank Nucleotide #	NM_181706.4
NCBI Official Full Name	dnaJ homolog subfamily C member 24
NCBI Official Synonym Full Names	DnaJ (Hsp40) homolog, subfamily C, member 24
NCBI Official Symbol	DNAJC24
NCBI Official Synonym Symbols	DPH4; JJJ3; ZCSL3
UniProt Protein Name	DnaJ homolog subfamily C member 24
UniProt Synonym Protein Names	CSL-type zinc finger-containing protein 3; Diphthamide biosynthesis protein 4
Protein Family	DnaJ homolog subfamily

UniProt Gene Name	DNAJC24
UniProt Synonym Gene Names	DPH4; ZCSL3
UniProt Entry Name	DJC24_HUMAN
NCBI Protein Information	dnaJ homolog subfamily C member 24; 1700030A21Rik; CSL-type zinc finger-containing protein 3; DPH4 homolog (JJJ3, S. cerevisiae); DPH4, JJJ3 homolog; diphthamide biosynthesis protein 4; zinc finger, CSL domain containing 3; zinc finger, CSL-type containin
NCBI Summary for DNAJC24	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]
UniProt Comments for DNAJC24	DNAJC24: Stimulates the ATPase activity of several Hsp70-type chaperones. Belongs to the DPH4 family. Protein type: Enzyme, misc.; Chaperone Chromosomal Location of Human Ortholog: 11p13 Cellular Component: cytoskeleton; cytoplasm Molecular Function: ATPase activator activity; zinc ion binding; ferrous iron binding Biological Process: positive regulation of ATPase activity; peptidyl-diphthamide biosynthetic process from peptidyl-histidine
Research Articles on DNAJC24	**1.** immunotoxin resistance is associated with reversible CpG island methylation and silencing of DPH4 gene transcription
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/blocking-peptide/dnajc24/9633420