

Datasheet for ABIN2719700
DNAJC24 Protein (Myc-DYKDDDDK Tag)[Go to Product page](#)

1 Image

Overview

Quantity:	20 µg
Target:	DNAJC24
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC24 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)

Product Details

Characteristics:	<ul style="list-style-type: none">• Recombinant human DPH4 protein expressed in HEK293 cells.• Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

Target Details

Target:	DNAJC24
Alternative Name:	Dph4 (DNAJC24 Products)
Background:	Diphthamide is a unique posttranslationally modified histidine found only in translation elongation factor-2 (EEF2 MIM 130610). 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 (Liu et al., 2004 [PubMed 15485916]).[supplied by OMIM, Mar 2008].

Target Details

Molecular Weight:	17 kDa
NCBI Accession:	NP_859057

Application Details

Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays
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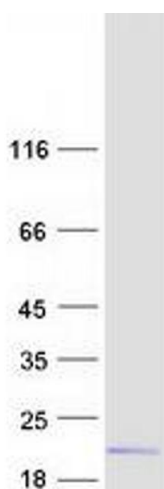
Comment:	The tag is located at the C-terminal.
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Restrictions:	For Research Use only
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Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot