antibodies

Datasheet for ABIN3128379 DNAJC19 Protein (AA 2-116) (rho-1D4 tag)





Overview

0.61.016.00	
Quantity:	1 mg
Target:	DNAJC19
Protein Characteristics:	AA 2-116
Origin:	Mouse
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAJC19 protein is labelled with rho-1D4 tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB), Crystallization (Crys)
Product Details	
Sequence:	ASTVVAVGLT IAAAGFAGRY VLQAMKHVEP QVKQVFQSLP KSAFGGGYYR GGFEPKMTKR
	EAALILGVSP TANKGKIRDA HRRIMLLNHP DKGGSPYIAA KINEAKDLLE GQAKK
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	special request, please contact us.
Characteristics:	 Made in Germany - from design to production - by highly experienced protein experts. Mouse Dnajc19 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to ensure crystallization grade.
	State-of-the-art algorithm used for plasmid design (Gene synthesis).
	This protein is a made to order protein and will be made for the first time for your order. Our
	experts in the lab will ensure that you receive a correctly folded protein.
	The big advantage of ordering our made-to-order proteins in comparison to ordering custom
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cannot be expressed or purified. In the unlikely event that the protein cannot be expressed or purified we do not charge anything (other companies might charge you for any performed steps in the expression process for custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification aptimization). When you order this made-to-order protein you will only pay upon receival of the correctly folded protein. With no financial risk on your end you can rest assured that our experienced protein experts will do everything to make sure that you receive the protein you ordered. The concentration of our recombinant proteins is measured using the absorbance at 280mm. The protein's absorbance will be measured in several dilutions and is measured against its specific reference buffer. The concentration of the protein is calculated using its specific absorption coefficient. We use the Expassy's protparam tool to determine the absorption coefficient of each protein.Purification:Three step purification of membrane proteins expressed in baculovirus infected SF9 insect cells: 	Product Details	
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Grade: Crystallography grade Target Details Image: DNAJC19	Sterility:	0.22 µm filtered
Target Details Target: DNAJC19	Endotoxin Level:	Protein is endotoxin-free.
Target: DNAJC19	Grade:	Crystallography grade
Target: DNAJC19		
	Target Details	
Alternative Name: Dnajc19 (DNAJC19 Products)	Target:	DNAJC19
	Alternative Name:	Dnajc19 (DNAJC19 Products)

Background: Probable component of the PAM complex, a complex required for the translocation of transit peptide-containing proteins from the inner membrane into the mitochondrial matrix in an ATPdependent manner. May act as a co-chaperone that stimulate the ATP-dependent activity (By

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Target Details	
	similarity). {ECO:0000250}.
Molecular Weight:	13.5 kDa Including tag.
UniProt:	Q9CQV7
Pathways:	SARS-CoV-2 Protein Interactome
Application Details	
Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a gurantee though.
Comment:	Protein has not been tested for activity yet. In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest a higher molecular weight tag (e.g. GST-tag) instead to increase solubility. We will discuss all possible options with you in detail to assure that you receive your protein of interest.
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)



Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process

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