.-online.com antibodies

Datasheet for ABIN3126539 ITPKA Protein (AA 1-459) (His tag)

1 Image



Overview

Quantity:	1 mg
Target:	ΙΤΡΚΑ
Protein Characteristics:	AA 1-459
Origin:	Mouse
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITPKA protein is labelled with His tag.
Application:	ELISA, Crystallization (Crys), SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Sequence:	MTLPGRPTGM ARPRGAGPCS PGLERAPRRS VGELRLLFEA RCAAVAAAAA AGEPRARGAK
	RRGGQVPNGL PRAAPAPVIP QLTVTSEEDV TPASPGPPDQ EGNWLPAAGS HLQQPRRLST
	SSLSSTGSSS LLEDSEDDLL SDSESRSRGN VQLETSEDVG QKSHWQKIRT MVNLPVMSPF
	RKRYSWVQLA GHTGSFKAAG TSGLILKRSS EPEHYCLVRL MADVLRGCVP AFHGIVERDG
	ESYLQLQDLL DGFDGPCVLD CKMGVRTYLE EELTKARERP KLRKDMYKKM LAVDPEAPTE
	EEHAQRAVTK PRYMQWREGI SSSTTLGFRI EGIKKADGSC STDFKTTRSR EQVTRVFEEF
	MQGDAEVLRR YLNRLQQIRD TLEISDFFRR HEVIGSSLLF VHDHCHRAGV WLIDFGKTTP
	LPDGQILDHR RPWEEGNRED GYLLGLDNLI GILASLAER
	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 Itpka Protein (raised in Insect Cells) purified by multi-step, protein-specific process to

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN3126539 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target:	ІТРКА
Target Details	
Grade:	Crystallography grade
Endotoxin Level:	Protein is endotoxin free.
Sterility:	0.22 µm filtered
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
	 In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purification:	Two step purification of proteins expressed in baculovirus infected SF9 insect cells:
	the Expasy's protparam tool to determine the absorption coefficient of each protein.
	specific reference buffer. The concentration of the protein is calculated using its specific absorption coefficient. We use
	The protein's absorbance will be measured in several dilutions and is measured against its
	The concentration of our recombinant proteins is measured using the absorbance at 280nm.
	protein experts will do everything to make sure that you receive the protein you ordered.
	folded protein. With no financial risk on your end you can rest assured that our experienced
	When you order this made-to-order protein you will only pay upon receival of the correctly
	experiments or purification optimization).
	custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression
	(other companies might charge you for any performed steps in the expression process for
	In the unlikely event that the protein cannot be expressed or purified we do not charge anything
	cannot be expressed or purified.
	made proteins from other companies is that there is no financial obligation in case the protein
	The big advantage of ordering our made-to-order proteins in comparison to ordering custom
	experts in the lab will ensure that you receive a correctly folded protein.
	This protein is a made to order protein and will be made for the first time for your order. Our
	State-of-the-art algorithm used for plasmid design (Gene synthesis).

Product Details

Alternative Name: Itpka (ITPKA Products)

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN3126539 | 09/11/2023 | Copyright antibodies-online. All rights reserved.

Target Details		
Molecular Weight:	51.9 kDa Including tag.	
UniProt:	Q8R071	
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)	

Images

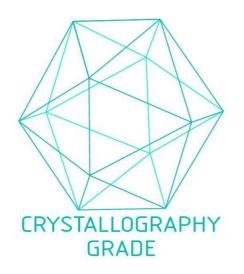


Image 1. "Crystallography Grade" protein due to multi-step,

protein-specific purification process

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN3126539 | 09/11/2023 | Copyright antibodies-online. All rights reserved.