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## Datasheet for ABIN3124324 TTC29 Protein (AA 1-471) (His tag)

Image



## Overview

Quantity:	1 mg
Target:	TTC29
Protein Characteristics:	AA 1-471
Origin:	Mouse
Source:	Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TTC29 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

## Product Details

Sequence:	MATFPPLPMT HTRLAILARQ KLPCSSKKIP RAQLIKEKED IDYYLEQNFK GLSKEEVAAH
	RNSYKKSICV DMLRDGFHKS FTELFALMEQ WDKLPEAAKA QSLFWQQRPL EDQPDKLDNF
	YHYLTRAEAA ERKGYYEEVY NNLYALACYF DNSEDKWVRN HFYERCFNIA QLIKADGGKK
	EAEAESHMGL LFEEEGELLK AAEHYEAFHE LTHGRLWKDG TGQLLNLVAC ESLVRTYRLL
	SDRMLENKDY KQAIKILIKA SEIAREGNDR SMEGEASYYL GLAHLASGEY ETALTVLNRY
	SEISTSLDDD HGLGRAYEAI AKALQSQGET TEAINYLEKF VTIARNNLQS LDMIRACTML
	GDIYNEKGQY SKASEYFQQA FSTAMELMKT ALMDETKVHY GIARAHQMML AMKGYIESAD
	SNGLNCLLSW KETRTQIEYD PILGESRRAT EDNIYQLPDA EEETRRSPEN Q
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	special request, please contact us.
Characteristics:	<ul> <li>Made in Germany - from design to production - by highly experienced protein experts.</li> <li>Mouse Ttc29 Protein (raised in Insect Cells) purified by multi-step, protein-specific process to</li> </ul>

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Target:	TTC29
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.
Purification:	<ul> <li>Two step purification of proteins expressed in baculovirus infected SF9 insect cells:</li> <li>1. 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.</li> <li>2. 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.</li> </ul>
	the Expasy's protparam tool to determine the absorption coefficient of each protein.
	The concentration of the protein is calculated using its specific absorption coefficient. We use
	specific reference buffer.
	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
	custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression experiments or purification optimization).
	(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

**Product Details** 

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Ttc29 (TTC29 Products)

Alternative Name:

Target Details		
Molecular Weight:	55.2 kDa Including tag.	
UniProt:	Q80VM3	
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

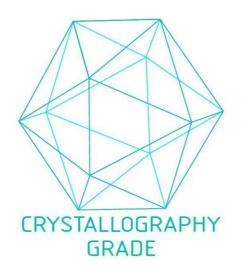


Image 1. "Crystallography Grade" protein due to multi-step,

protein-specific purification process

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