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## Datasheet for ABIN3078345 CSTL1 Protein (AA 20-145) (His tag)

Image



Overview

Quantity:	1 mg
Target:	CSTL1
Protein Characteristics:	AA 20-145
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSTL1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Crystallization (Crys)
Product Details	
Sequence:	AKLGHFQRWE GFQQKLMSKK NMNSTLNFFI QSYNNASNDT YLYRVQRLIR SQMQLTTGVE
	YIVTVKIGWT KCKRNDTSNS SCPLQSKKLR KSLICESLIY TMPWINYFQL WNNSCLEAEH VGRNLR
	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.
	Human CSTL1 Protein (raised in E. Coli) 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.
	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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	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.
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Grade:	Crystallography grade
Target Dataila	
Target Details	
Target:	CSTL1
Alternative Name:	CSTL1 (CSTL1 Products)
Molecular Weight:	15.9 kDa Including tag.
UniProt:	Q9H114
Application Details	
Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies

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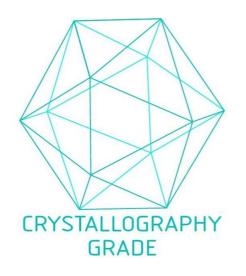
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	as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Comment:	In cases in which it is highly likely that the recombinant protein with the default tag will be insoluble our protein lab may suggest 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

**Application Details** 

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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