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Datasheet for ABIN3120804 RPL39 Protein (AA 2-51) (His tag)

Image



Overview

Quantity:	1 mg
Target:	RPL39
Protein Characteristics:	AA 2-51
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This RPL39 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)
Product Details	
Product Details Sequence:	SSHKTFRIKR FLAKKQKQNR PIPQWIRMKT GNKIRYNSKR RHWRRTKLGL
	SSHKTFRIKR FLAKKQKQNR PIPQWIRMKT GNKIRYNSKR RHWRRTKLGL Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	 Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a special request, please contact us. Made in Germany - from design to production - by highly experienced protein experts. Mouse Rpl39 Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade.
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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 gurante
Application Details	
UniProt:	P62892
Molecular Weight:	7.2 kDa Including tag.
Alternative Name:	Rpl39 (RPL39 Products)
Target:	RPL39
Farget Details	
Grade:	Crystallography grade
Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Sterility:	0.22 µm filtered
Purity:	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
	 fractions are analyzed by SDS-PAGE. 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.
	 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
Purification:	Two step purification of proteins expressed in bacterial culture:
	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
	In the unlikely event that the protein cannot be expressed or purified we do not charge anythin (other companies might charge you for any performed steps in the expression process for

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Application Details

	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

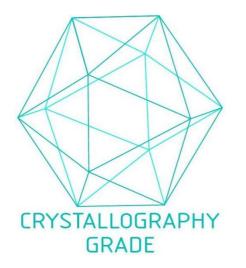


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process