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## Datasheet for ABIN488517 **GLUL Protein**



Overview	
Quantity:	250 μL
Target:	GLUL
Reactivity:	Please inquire
Host:	Please inquire
Application:	Western Blotting (WB)
Product Details	
Brand:	SERVA®
Purification:	affinity purified
Target Details	
Target:	GLUL
Alternative Name:	Glutamine synthetase (GInA) (GLUL Products)
Background:	Glutamine synthetase (GlnA) is the key enzyme in the incorporation of mineral nitrogen into glutamine. This product is a recombinant GlnA protein standard, source Synechocystis strain PCC 6803.
Molecular Weight:	in most gel systems GInA migrates around 53 kDa
Pathways:	Positive Regulation of Peptide Hormone Secretion
Application Details	
Application Notes:	Standard curve: 3 loads are recommended (0.5, 2 and 4i1/4l).For most applications a sample

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 ABIN488517 | 04/24/2024 | Copyright antibodies-online. All rights reserved. load of 0.2i1/4g of chlorophyll will give a GlnA signal in this range.Positive control: a 2i1/4l load per well is optimal for most chemiluminescent detection systems. This standard is stabilized and ready and does not require heating before loading on the gel.Please note that this product contains 10 % glycerol and might appear as liquid but is provided lyophilized. Allow the product several minutes to solubilize after adding water. Mix thoroughly but gently Take extra care to mix thoroughly before each use, as the proteins tend to settle with the more dense layer after freezing.

Comment: Concentration: after adding 225 µl of milliQ water final concentration of the standard is 0.20 pmol/µlProtein standard buffer composition: Glycerol 10%, Tris Base 141 mM, Tris HCl 106 mM, LDS 2%, EDTA 0.51 mM, SERVA® Blue G250 0.22 mM, Phenol Red 0.175 mM, pH 8.5, 0.1mg/ml PefaBloc protease inhibitor (Roche), 50mM DTT.This standard is ready-to-load and does not require any additions or heating. It needs to be fully thawed and thoroughly mixed prior to using. Avoid vigorous vortexing, as buffers contain detergent. Following mixing, briefly pulse in a microcentrifuge to collect material from cap.This standard is stabilized and ready and does not require heating before loading on the gel. Please note that this product contains 10% glycerol and might appear as liquid but is provided lyophilized. Allow the product several minutes to solubilize after adding water. Mix thoroughly but gently Take extra care to mix thoroughly before each use, as the proteins tend to settle with the more dense layer after freezing.

Restrictions:

For Research Use only

## Handling

Format:	Lyophilized
Reconstitution:	For reconstitution add 225 $\mu L$ of milliQ water
Buffer:	Glycerol 10 %, Tris Base 141 mM, Tris HCl 106 mM, LDS 2 %, EDTA 0.51 mM, SERVA® Blue G250 0.22 mM, Phenol Red 0.175 mM, pH 8.5, 0.1 mg/mL PefaBloc protease inhibitor (Roche), 50 mM DTT. This standard is ready-to-load and does not require any additions or heating.
Handling Advice:	Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tubes. Once reconstituted make aliquots to avoid repreated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	store lyophilized/reconstituted at -20°C, once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please, remember to spin tubes briefly prior to opening them to avoid any

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