Datasheet for ABIN667448

glsA1 Protein (AA 1-310) (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	glsA1 (GLS-A1)
Protein Characteristics:	AA 1-310
Origin:	E. coli
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This glsA1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	glsA1, 1-310aa, E.coli, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	glsA1 (GLS-A1)
Alternative Name:	GlsA1 (GLS-A1 Products)
Background:	GlsA1 (glutaminase1) belongs to the large superfamily of serine-dependent beta-lactamases and penicillin-binding proteins. They are present in most bacteria and eukaryotes and catalyze the hydrolytic deamidation of l-glutamine to l-glutamate and free NH4+. Recombinant E.coli glsA1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Glutaminase1, ybaS. NCBI no.:

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Target Details

	NP_415018
Molecular Weight:	35.0 kDa (330aa), confirmed by MALDI-TOF

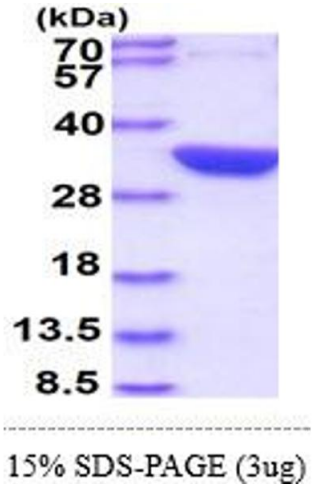
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 10% glycerol, 100mM NaCl
Storage:	4 °C

Images



SDS-PAGE

Image 1.

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