Datasheet for ABIN666885

GLO1 Protein (AA 1-184)

1 Image

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Overview

Quantity:	100 µg
Target:	GLO1
Protein Characteristics:	AA 1-184
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Glyoxalase I, 1-184 aa, Human, Recombinant, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	GLO1
Alternative Name:	Glyoxalase I (GLO1 Products)
Background:	Glyoxalase I, also known as GLO1, belongs to the glyoxalase I family. Glyoxalase I is responsible for the catalysis and formation of S-lactoyl-glutathione from methylglyoxal condensation and reduced glutathione.This enzyme is ubiquitously expressed and is also present in many tumor cell lines, in which its concentration is often upregulated. Recombinant human GLO1 protein was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Lactoylglutathione lyase, Glx 1, GLO-1 Methylglyoxalase, Aldoketomutase , GLOD1,

Target Details

	Glx I, GLYI, Glyoxalase I, Ketone aldehyde mutase, Lactoyl glutathione lyase, S D lactoylglutathione methylglyoxal lyase 0, Glyoxalase 1, GLO1. NCBI no.: NP_006699
Molecular Weight:	20.7 kDa (184 aa), confirmed by MALDI-TOF.

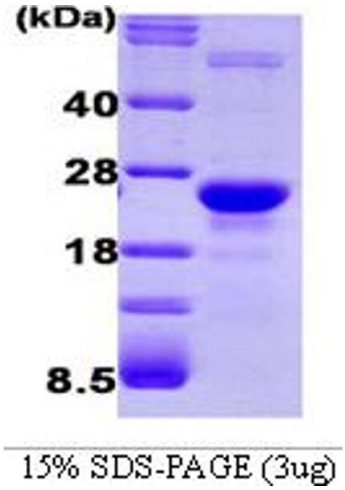
Application Details

Restrictions:	For Research Use only

Handling

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

Images



SDS-PAGE

Image 1.