

Datasheet for ABIN5709671

HMOX1 Protein (AA 3-288, partial) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	HMOX1
Protein Characteristics:	AA 3-288, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMOX1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	RPQPDSMPQD LSEALKEATK EVHTQAENAE FMRNFQKGQV TRDGFKLVA SLYHIYVALE EEIERNKESP VFAPVYFPEE LHRKAALEQD LAFWYGPRWQ EVIPYTPAMQ RYVKRLHEVG RTEPELLVAH AYTRYLGDLS GGQVLKKIAQ KALDLPSSGE GLAFFTFPNI ASATKFKQLY RSRMNSLEMT PAVRQRVIEE AKTAFLLNIQ LFEELQELLT HDTKDQSPSR APGLRQRASN KVQDSAPVET PRGKPPLNTR SQAPLLRWVL TLSFLVATVA VGLYAM
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	HMOX1
Alternative Name:	HMOX1 (HMOX1 Products)

Target Details

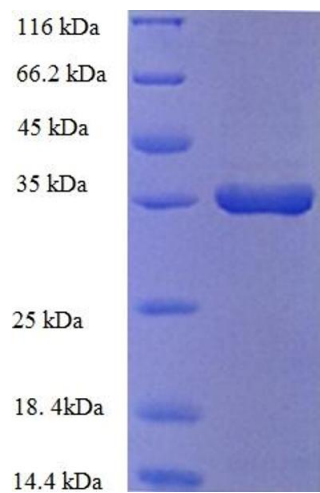
Background:	He oxygenase cleaves the he ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of he oxygenase is highest in the spleen, where senescent erythrocytes are sequestrated and destroyed. Exhibits cytoprotective effects since excess of free he sensitizes cells to undergo apoptosis.
Molecular Weight:	36.6 kDa
UniProt:	P09601
Pathways:	Transition Metal Ion Homeostasis , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C, 4 °C, -20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



SDS-PAGE

Image 1.