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Datasheet for ABIN7505108  
**HMOX1 Protein (AA 1-288) (His tag)**

### Overview

Quantity:	100 µg
Target:	HMOX1
Protein Characteristics:	AA 1-288
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMOX1 protein is labelled with His tag.

### Product Details

Sequence:	Met 1-Met 288
Characteristics:	A DNA sequence encoding the Human HO1 protein (P09601) (Met 1-Met 288) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

### Target Details

Target:	HMOX1
Alternative Name:	HO1 ( <a href="#">HMOX1 Products</a> )
Background:	Background: Heme Oxygenase 1 (HO-1) is an enzyme in endoplasmic reticulum that belongs to the heme oxygenase family. HO-1 cleaves the heme ring at the alpha methene bridge to form Biliverdin. Biliverdin is subsequently converted to Bilirubin by Biliverdin reductase.  Synonym: Heme Oxygenase 1,HO-1 HMOX1,HO,HO1

## Target Details

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Molecular Weight: 31.57 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

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months