Datasheet for ABIN666727

HMOX1 Protein (AA 1-266) (His tag)

1 Image

Go to Product page

Overview

Quantity:	100 µg
Target:	HMOX1
Protein Characteristics:	AA 1-266
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

Characteristics:	Heme oxygenase1,1-266aa, Human, His-tagged, Recombinant, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	HMOX1
Alternative Name:	Heme Oxygenase1 (HMOX1 Products)
Background:	Heme oxygenase 1 belongs to the heme oxygenase family and is an essential enzyme in heme catabolism. It cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Also this protein is known to play an important role in the regulation of cardiovascular function and its adaptive response to a variety of stressors. Recombinant human Heme oxygenase 1 protein, fused to

Target Details

	His-tag at C-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: HO-1, Heat shock protein 32, HSP32 , bK286B10, D8Wsu38e, Heme oxygenase (decycling) 1, Heme oxygenase 1, Hemox, Hmox, HMOX 1, HMOX1, HO, HO 1, HO1. NCBI no.: NP_002124
Molecular Weight:	31.4 kDa (274 aa), confirmed by MALDI-TOF.
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

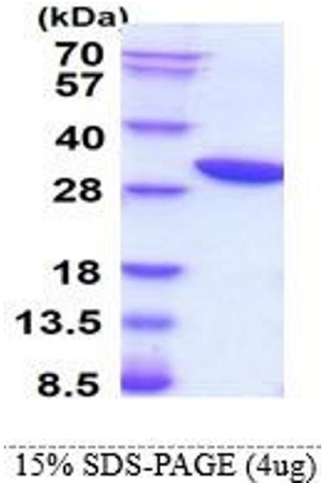
Application Details

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 50mM NaCl, 0.1mM PMSF, 10% glycerol
Storage:	4 °C

Images



SDS-PAGE

Image 1.