

Product datasheet

Recombinant Human Heme Oxygenase 1 protein ab113188

[1 References](#) [2 Images](#)

Description

Product name	Recombinant Human Heme Oxygenase 1 protein
Purity	> 90 % SDS-PAGE. ab113188 is purified by multi-step chromatography.
Expression system	Escherichia coli
Accession	P09601
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Predicted molecular weight	32 kDa
Amino acids	1 to 288

Specifications

Our [Abpromise guarantee](#) covers the use of **ab113188** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Western blot Peptide Array SDS-PAGE
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.79% Tris HCl, 2% Glycerol, 0.02% DTT, 2.63% Sodium chloride, 0.002% PMSF
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General Info

Function

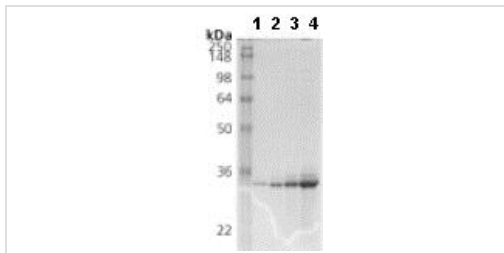
Heme oxygenase cleaves the heme ring at the alpha methene bridge to form biliverdin. Biliverdin is subsequently converted to bilirubin by biliverdin reductase. Under physiological conditions, the activity of heme oxygenase is highest in the spleen, where senescent erythrocytes are sequestered and destroyed.

Sequence similarities

Belongs to the heme oxygenase family.

Cellular localization

Microsome. Endoplasmic reticulum.

Images

SDS-PAGE - Recombinant Human Heme Oxygenase 1 protein (ab113188)

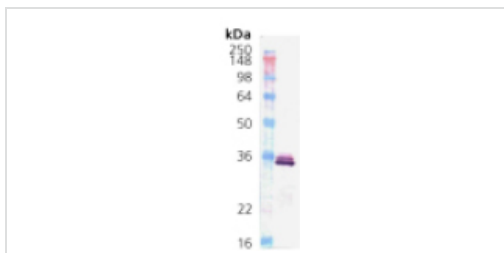
SDS-PAGE showing ab113188 stained with Coomassie stain.

Lane 1: 0.5µg protein

Lane 2: 1.0µg protein

Lane 3: 2.0µg protein

Lane 4: 5.0µg protein



Western blot - Recombinant Human Heme Oxygenase 1 protein (ab113188)

anti-Heme Oxygenase 1 antibody at 1/1000 dilution + Recombinant Human Heme Oxygenase 1 protein (ab113188) at 0.1 µg

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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