

Recombinant Human HMOX1 protein, His-tagged

Cat. No. HMOX1-1556H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant HMOX1 protein without the trans-membrane domain was expressed in E. coli with 6xHis tag.
Species	Human
Source	E.coli
Description	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.
Form	20 mM Tris-HCl, pH 7.5, 50 mM NaCl, and 10% glycerol.
Molecular Mass	32 kDa
Storage	Stable for 2 years at -70 centigrade from date of shipment. Please aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	HMOX1 heme oxygenase (decycling) 1 [Homo sapiens]
Official Symbol	HMOX1

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Synonyms	HMOX1; heme oxygenase (decycling) 1; heme oxygenase 1; bK286B10; HO 1; heat shock protein, 32-kD; HO-1; HSP32;
Gene ID	3162
mRNA Refseq	NM_002133
Protein Refseq	NP_002124
MIM	141250
UniProt ID	P09601

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