

Recombinant Human HMOX1 protein, His/MBP-tagged

Cat. No. HMOX1-277H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMOX1(175-266 aa) fused with His/MBP tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	175-266 aa
Description	Heme oxygenase, an essential enzyme in heme catabolism, cleaves heme to form biliverdin, which is subsequently converted to bilirubin by biliverdin reductase, and carbon monoxide, a putative neurotransmitter. Heme oxygenase activity is induced by its substrate heme and by various nonheme substances. Heme oxygenase occurs as 2 isozymes, an inducible heme oxygenase-1 and a constitutive heme oxygenase-2. HMOX1 and HMOX2 belong to the heme oxygenase family.
Form	Liquid in PBS
Purity	SDS-PAGE >90%
Applications	WB Positive Control
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

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