

Recombinant Human HMOX2 Protein, His-tagged

Cat. No. HMOX2-021H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMOX2 protein (2-264) with a N-terminal His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-264
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	50 mM HEPES, pH 8.0, 150 mM sodium chloride
Molecular Mass	32.6 kDa
Purity	≥90% estimated by SDS-PAGE
Stability	≥ 1 year
Storage	Store at -80 centigrade

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Shipping Dry ice in continental US; may vary elsewhere

GENE INFORMATION

Gene Name HMOX2 heme oxygenase 2 [Homo sapiens (human)]

Official Symbol HMOX2

Synonyms HMOX2; heme oxygenase 2; HO-2; heme oxygenase 2; heme oxygenase (decycling) 2; EC 1.14.14.18

Gene ID 3163

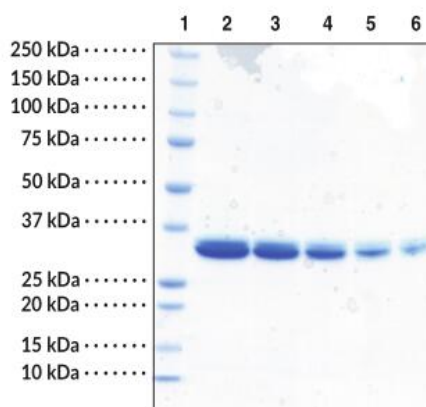
mRNA Refseq NM_001127204

Protein Refseq NP_001273196

MIM 141251

UniProt ID P30519

**SDS-PAGE analysis
of HMOX2.**



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Lane 1: MW Markers

Lane 2: HMOX2 (8 g)

Lane 3: HMOX2 (6 g)

Lane 4: HMOX2 (4 g)

Lane 5: HMOX2 (2 g)

Lane 6: HMOX2 (1 g)

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