

Product datasheet for **SC208119**

Heme oxygenase 2 (HMOX2) (NM_001127206) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: Heme oxygenase 2 (HMOX2) (NM_001127206) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: HMOX2
Synonyms: HO-2
ACCN: NM_001127206
Insert Size: 621 bp
Insert Sequence: >SC208119 3'UTR clone of NM_001127206
The sequence shown below is from the reference sequence of NM_001127206. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GCTGGACTCTTGGCCTGGTACTACATGTGAGCACCCATCATGCCACACCGGTACCCCTCTCCCGACTG
ACCACTGGCCTACCCCTTTCTCCAGCCCTGACTAACTACCACCTCAGGTGACTTTTTAAAAAATGCTG
GGTTTAAAGAAAGCAACCAATAAAAGCCAGATGCTAGAGCCTCTGCCTGACAGCATCCTCTCTATGGGC
CATATTCCGCACTGGGCACAGGCCGTCACCCCTGGGAGCAGTCGGCACAGTGCAGCAAGCCTGGCCCCCG
ACCCAGCTCTACTCCAGGCTTCCACACTTCTGGGCCCTAGGCTGCTTCCGGTAGTCCCTGTTTTTGCAG
TACATGGGTGACTATCTCCCTGTTGGAGGTGAGTGGCCTGTAAGTCCAAGCTGTGCGAGGGGGCCTTG
CTGGATGCTGCTGTACAACCTCTGGGCCCTCTTGGACCCTGGGAGTGAGGGTGGGTGTGGGTGGAAGC
CTCAGAGGCCCTGGGAGCTCATCCCTCTCACCCAGAATCCCTCTAACCCTTGGGTGCGGTTTGCTCAG
CCCCAGCTTATCTCCTCCTCCGCGCTGTGTAATGCTCCAGCACTCAATAAAGTGGGCTTTGCAAGCTA
ACGCGTAAGCGGCCGCGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 µg dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.



[View online »](#)

RefSeq: [NM_001127206.3](#)

Summary: 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. Several alternatively spliced transcript variants encoding three different isoforms have been found for this gene. [provided by RefSeq, Oct 2013]

Locus ID: 3163

MW: 22.5