

## Product datasheet for **SC210009**

### Myeloperoxidase (MPO) (NM\_000250) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** Myeloperoxidase (MPO) (NM\_000250) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** MPO  
**ACCN:** NM\_000250  
**Insert Size:** 831 bp  
**Insert Sequence:** >SC210009 3'UTR clone of NM\_000250

The sequence shown below is from the reference sequence of NM\_000250. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACCTGGCTTCTGGAGGAAGCCTCCTAGAGGCCAGGTAAGGGGGTGCAGCAGTGAGGGGTATATCTG
GGCTGGCCAGTTGGAACACGGAGATCTCCTTGCCCTAGATGAGCCAGCCCTGTTCTGGGTGCAGCTG
AGAAAATGAGTGACTAGACGTTCAATTTGTGTGCTCATGTATGTGCGAAGTATATAAATTGGCTTTTCAT
CGGTGTGTGTTGTCTGAACATGGGGAGTGTTCATGGGTATGTGTATGTGCCATTTATGTGAGTGTGT
GTTTGTGCTGATGAGAATACTGAGTATGTGGAAGGCAGCAGAGCGGACTGGTGAGGAGCACAGCTCAGG
AACTAGACTGCCTGGGTTCCAATCCTGGCTCTGTGGCTTGTAGCTATGTGACCTTGAGCAAATTACCC
TCCTTAAACAAGAGTTTTCTTCTTGTAAATTACATCTGTGATGGTTTCTTGGAGGGCCCACTTGTATC
CTCTGGTTCTTCATTTATTGAGCACCTACTACATGCAAGGCACTGTACTAGGCGTGAGAAGCATATAGA
GGCAAGAAAGAGATACCAAGATGCCATCTGTGCTCCTGGTTAGCAGAGCTGGACCAGTGGTGCCTTGGAG
GGATAAGCCAGCTGCAGCTGGGCTGTGTTGACTTATGGGCCAGCCAGCCAGGCTCAGGCCATGGC
TCCCCTTTTTCTCCTCACCCCTGATTTCTGCTTATTCACTGAAGTTCTCCTGAAGAGGAACTGGGCCT
GTTGCCCTTTCTGTACCATTTATTTGCTCCCAATGTTTATGATAATAAAGGCACCCTGATGGGACCT
CCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

**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).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_000250.2</a>
<b>Summary:</b>	Myeloperoxidase (MPO) is a heme protein synthesized during myeloid differentiation that constitutes the major component of neutrophil azurophilic granules. Produced as a single chain precursor, myeloperoxidase is subsequently cleaved into a light and heavy chain. The mature myeloperoxidase is a tetramer composed of 2 light chains and 2 heavy chains. This enzyme produces hypohalous acids central to the microbicidal activity of neutrophils. [provided by RefSeq, Nov 2014]
<b>Locus ID:</b>	4353
<b>MW:</b>	30.9