

## Product datasheet for SC209550

### Carboxypeptidase H (CPE) (NM\_001873) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Carboxypeptidase H (CPE) (NM_001873) Human 3' UTR Clone
Symbol:	Carboxypeptidase H
Synonyms:	CPH; IDDHH
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001873
Insert Size:	967 bp
Insert Sequence:	>SC209550 3'UTR clone of NM_001873 The sequence shown below is from the reference sequence of NM_001873. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAAATGATGTCAGAACTTTAAATTTTTAAAAAGGCTTCTAGTTAGCTGCTTTAAATCTATCTATATAA
TGTAATGATGTAATGTGGTCTTTTTTTAGATTTTGTGCAGTTAATACTTAACATTGATTTATTTTT
TAATCATTTAAATATTAATCAACTTTCCCTAAAATAAAATAGCCTCTTAGGTAATAAATAAGAAGTTGA
TATATTTCTATTCTTATATAGTATTCTTTTCTACCTATATTACACAAAAAGTATAGAAAAGATTT
AAGTAATTTTGCATCCTAGGCTTAAATGCAATATTCCTGGTATTATTTACAATGCAGAAATTTTGGAG
TAATTCTAGCTTTCAAAAATTAGTGAAGTTCTTTTACTGTAATTGGTGACAATGTCACATAATGAATGC
TATTGAAAAGGTTAACAGATACAGCTCGGAGTTGTGAGCACTCTACTGCAAGACTTAAATAGTTCAGTA
TAAATTGTCGTTTTTTCTTGTGCTGACTAACTATAAGCATGATCTTGTAAATGCATTTTTGATGGGAA
GAAAAGGTACATGTTTACAAAGAGGTTTATGAAAAGAATAAAAATTGACTTCTTGTCTTGACATATAG
GAGCAATACTATTATATTATGTAGTCCGTTAACACTACTTAAAAGTTTAGGGTTTTCTCTGGTTGTAG
AGTGGCCAGAAATGCATTCTGAATGAATAAAGGTTAAAAAAAATCCCCAGTGCATGTATTTTCAGTTC
TCTAAGATTTTTGGTCTGGCATTGTGGTCTTATGATGAAAACATGTATCCTCTTAATGGCGGCTTCTCA
TATATTCATCCTGTACATTTTAAAATTTGTTAAGCAACTACTGTGTGCTAAGCACTGCATAGCCTCTAT
GTATGTTATTGTGGCAGGCAAAAAGGTTCTGATTTTGGGCACAACCTTTATATAAAATAACAAAAATTAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<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_001873.4</a>
<b>Summary:</b>	This gene encodes a member of the M14 family of metalloproteases. The encoded preproprotein is proteolytically processed to generate the mature peptidase. This peripheral membrane protein cleaves C-terminal amino acid residues and is involved in the biosynthesis of peptide hormones and neurotransmitters, including insulin. This protein may also function independently of its peptidase activity, as a neurotrophic factor that promotes neuronal survival, and as a sorting receptor that binds to regulated secretory pathway proteins, including prohormones. Mutations in this gene are implicated in type 2 diabetes. [provided by RefSeq, Nov 2015]
<b>Locus ID:</b>	1363
<b>MW:</b>	37.6