

Product datasheet for **SC127907**

CPO (NM_173077) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CPO (NM_173077) Human Untagged Clone
Tag:	Tag Free
Symbol:	CPO
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC127907 sequence for NM_173077 edited (data generated by NextGen Sequencing)

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ATGAAGCCTCTGCTTGAACCCCTTTATCTTTTGGGGATGCTGGTTCCTGGAGGGCTGGGA
TATGATAGATCCTTAGCCCAACACAGACAAGAGATTGTGGACAAGTCAGTGAGTCCATGG
AGCCTGGAGACGTATTCCTATAACATATACCACCCCATGGGAGAGATCTATGAGTGGATG
AGAGAGATCAGTGAGAAGTACAAGGAAGTGGTGACACAGCATTTCTAGGAGTGACCTAT
GAGACCCACCCCATGTATTATCTGAAGATCAGCCAACCATCTGGTAATCCCAAGAAAATC
ATTTGGATGGACTGTGGAATTCACGCCAGAGAATGGATTGCTCCTGCTTTTTGCCAATGG
TTCGTCAAAGAAATTCACAAAACCATAAAGACAACCTCAAGTATACGCAAGCTCCTTAGG
AACCTGGACTTCTATGTCCTTCCAGTTCTTAACATAGATGGTTATATCTACACTTGGACA
ACTGATCGTCTTTGGAGGAAATCCCGTTCACCCATAAATATGGCACATGTTTTGGGACG
GATCTCAATCGAAATTTCAATGCATCTTGGTGTAGTATTGGTGCCTCTAGAAACTGCCAA
GATCAAACATTCTGTGGACAGGGCCAGTGTCTGAACCAGAGACTAAAGCTGTTGCCAGC
TTCATAGAGAGCAAGAAGGATGATATTTTGTGCTTCTGACCATGCACTCTATGGGCAG
TTAATTCTCACACCTTACGGCTACACCAAAAAATAAATCAAGTAACCACCCAGAAATGATT
CAAGTTGGACAGAAGGCAGCAAATGCATTGAAAGCAAAGTATGGAACCAATTATAGAGTT
GGATCGAGTGCAGATATTTTATATGCCTCATCAGGGTCTTCAAGAGATTGGGCCCGAGAC
ATTGGGATTCCTTCTCATATACGTTTGGAGCTGAGGGACAGTGGAACATATGGGTTTGT
CTGCCAGAAGCTCAGATCCAGCCACCTGTGAGGAGACCATGGAGGCTGTGCTGCAGTC
CTGGATGATGTGTATGCGAAACACTGGCACTCGGACAGTGTGGAAGGGTGCATCTGCC
ACTATGCTGCTGGCCTGCTGGTGTCTGCATGTCTTCTCTAA
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Clone variation with respect to NM_173077.2



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_173077 unedited TTCGATTTTNNNNATCCTCACTATAGGGCGGCCGCAATTCGGCACCAGCTCAAGGACA CTTGATCCACTGCCAGAGAGGCCAGAATTTTCTAACTTACTGTGTGGCAGAATGAAGCC TCTGCTTGAAACCTTTATCTTTTGGGGATGCTGGTTCCTGGAGGGCTGGGATATGATAG ATCCTTAGCCCAACACAGACAAGAGATTGTGGACAAGTCAGTGAGTCCATGGAGCCTGGA GACGTATTCTATAACATATACCACCCCATGGGAGAGATCTATGAGTGGATGAGAGAGAT CAGTGAGAAGTACAAGGAAGTGGTGACACAGCATTTCCTAGGAGTGACCTATGAGACCCA CCCCATGTATTATCTGAAGATCAGCCAACCATCTGGTAATCCCAAGAAAATCATTGGAT GGACTGTGGAATTCACGCCAGAGAATGGATTGCTCCTGCTTTTTGCCAATGGTTCGTCAA AGAAAATCTACAAAACATAAAGACAACCTCAAGTATACGCAAGCTCCTTAAGAACCTGGA CTTCTATGTCCTTCCAGTTCTTAACATAGATGGTTATATCTACACTTGGACAACCTGATCG TCTTGGGAGAAAATCCGTTAACCCATATTATGGCACATGTTTGGGACNGATCTCATCGAAT TTCATGCACCTGGGGAATATTGTGCTCTAGAAGTGCAGATCAACTTCTGTGACAAGCCA GGTCTGACAAAAATAAA
Restriction Sites:	Please inquire
ACCN:	NM_173077
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_173077.1</u> , <u>NP_775100.1</u>
RefSeq Size:	1125 bp
RefSeq ORF:	1125 bp
Locus ID:	130749
UniProt ID:	<u>Q8IVL8</u>
Cytogenetics:	2q33.3
Protein Families:	Druggable Genome, Protease, Secreted Protein
Gene Summary:	This gene is a member of the metalloproteinase gene family. [provided by RefSeq, Jan 2011]