

Product datasheet for **SC218300**

MET (NM_001127500) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MET (NM_001127500) Human 3' UTR Clone
Symbol:	MET
Synonyms:	AUTS9; c-Met; DFNB97; HGFR; RCCP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001127500
Insert Size:	2306 bp



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Insert Sequence:

>SC218300 3' UTR clone of NM_001127500

The sequence shown below is from the reference sequence of NM_001127500. The complete sequence of this clone may contain minor differences, such as SNPs. **Red**=Cloning site
Blue=Stop Codon

CAATTGGCAGAGCTCAGAATTCAA**GCGATCGC**

TGATGAGGTGGACACACGACCAGCCTCCTTCTGGGAGACATCA**TAG**TGCTAGTACTATGTCAAAGCAACA
GTCCACACTTTGTCCAATGGTTTTTCACTGCCTGACCTTTAAAAGGCCATCGATATTCTTTGCTCTTG
CAAAATGCACTATTATAGGACTTGATTGTTATTTAAATTA**ACTGGATTCTAAGGAATTTCTTATCTGAC**
AGAGCATCAGAACCAGAGGCTTGGTCCCACAGGCCACGGACCAATGGCCTGCAGCCGTGACAACACTCCT
GTCATATTGGAGTCCAAA**ACTTGAATTTCTGGT**TGAATTTTTTAAAAATCAGGTACCCTTGATTTCATA
TGGAAATTAAGCAGGAAATATTGAGGGCTTCTTGATCACAGAAA**ACTCAGAAGAGATAGTAATGCTCA**
GGACAGGAGCGGCAGCCCAGAACAGGCCACTATTTAGAA**TTCTAGT**TTTTCAAACACTTTTTGTGTGT
TGTATGGTCAATAACATTTTTCA**TTACTGATGGTGCATTCACCCATTAGGTA**AACATTCCTTTTAAAT
GTTTGTGGTTTTTGGAGACAGGATCTCACTCTGTTGCCAGGGCTGTAGTGCA**GTGGTGTGATC**ATAGCT
CACTGCAACCTCCACCTCCCAGGCTCAAGCCTCCCGAATAGCTGGGACTACAGCGCACACCACCATCCC
CGGCTAATTTTTGTATTTTTGTAGAGACGGGTTTTGCCATGTTGCCAAGGCTGGTTTTCAA**ACTCCTGG**
ACTCAAGAAATCCACCACCTCAGCCTCCCAAAGTGCTAGGATTACAGGCATGAGCCACTGCGCCAGCC
CTTATAAATTTTTGTATAGACATTCCTTTGGTTGGAAGAATATTTATAGGCAATACAGTCAAAGTTTCAA
AATAGCATCACAAAAACATGTTATAAATGAACAGGATGTAATGTACATAGATGACATTAAGAAATTT
GTATGAAATAATTTAGTCATCATGAAATATTTAGTTGCATATAAAA**ACCCACTGTTGAGA**ATGCT
ACTCTGATCTAATGAATGTGAACATGTAGATGTTTTGTGTATTTTTTAAATGAAA**ACTCAA**AATAAG
ACAAGTAATTTGTTGATAAATATTTTTAAAGATAACTCAGCATGTTTGTAAAGCAGGATACATTTTACTA
AAAGGTTCA**TTGGTTCCAATCACAGCTCATAGG**TAGAGCAAAGAAAGGGTGGATGGATTGAAAAGATTAG
CCTCTGTCTCGGTGGCAGGTTCCACCTCGCAAGCAATTGAAACAAA**ACTTTTTGGG**GAGTTTTATTTTG
CATTAGGGTGTGTTTTATGTTAAGCAAAACATACTTTAGAA**CAAATGAAAA**AGGCAATTGAAAATCCCA
GCTATTTACCTAGATGGAATAGCCACCCTGAGCAGAACTTTGTGATGCTTCATCTGTGGAATTTGTG
CTTGCTACTGTATAGTGCATGTGGTGTAGGTTACTCTAACTGGTTTTGTCGACGTA**AAACATTTAAAG**GT
TATATTTTTTATAAAAATGTTTTATTTTTAATGATATGAGAAAATTTTTGTAGGCCACAAA**AACTGCA**
CTGTGAACATTTTAGAAAAGGATGTGCAGACTGGGATTAA**TGACAGCATGATTTTCAATGACTG**AAATT
GCGATAAGGAAATGACTGATTGCCAATACACCCACCCCTCATTACATCATCAGGACTTGAAGCCAAAGGG
TTAACCAGCAAGCTACAAAGAGGGTGTGTCACTGAA**ACTCAATAGTTGAGTTGGCTGTTGTTGCAG**
GAAAATGATTATAACTAAAAGCTCTCTGATAGTGCAGAGACTTACCAGAAGACACAAGGAATTTGACTGA
AGAGCTATTACAATCCAATATTGCCGTTTCATAAATGTAATAAGTAATACTAATTCACAGAGTATTGTA
AATGGTGGATGACAAAAGAAAATCTGCTCTGTGGAAAGAAAGAACTGTCTCTACCAGGGTCAAGAGCATG
AACGCATCAATAGAAAAGAACTCGGGGAAACATCCCATCAACAGGACTACACACTTGATATACATTTCTTG
AGAACACTGCAATGTGAAAATCACGTTTGCTATTTATAAACTTGCCTTAGATTAA**TGTGTCTGGACAG**
TTGTGGGAGTAAGTGATTCTTCTAAGAATTAGATACTTGTCACTGCCTATACCTGCAGCTGAACTGAATG
GTACTTCGTATGTTAATAGTTGTTCTGATAAATCATGCAATTAAGTAAAGTGATGCAACATCTTG

ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG

Restriction Sites:

Sgfl-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 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001127500.1</u>
Summary:	This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers. [provided by RefSeq, May 2016]
Locus ID:	4233