

Product datasheet for SC126930

MED13 (NM_005121) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MED13 (NM_005121) Human Untagged Clone
Tag:	Tag Free
Symbol:	MED13
Synonyms:	ARC250; DRIP250; HSPC221; MRD61; THRAP1; TRAP240
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126930 sequence for NM_005121 edited (data generated by NextGen Sequencing)

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ATGAGTGCCTCCTTCGTGCCGAACGGGGCCAGCCTGGAAGATTGTCACCTGTAACCTCTTC
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Clone variation with respect to NM_005121.2
 2168 g=>a;4320 c=>t

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_005121 unedited
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3' Read Nucleotide Sequence:

>OriGene 3' read for NM_005121 unedited
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CGGCCGACACACCCGCCAACTNGGCTGATCGGCGTCGCCGAGAACAACGGT

Restriction Sites:

NotI-NotI

ACCN:

NM_005121

Insert Size:

7180 bp

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_005121.1, NP_005112.1</u>
RefSeq Size:	7389 bp
RefSeq ORF:	6525 bp
Locus ID:	9969
UniProt ID:	<u>Q9UHV7</u>
Cytogenetics:	17q23.2
Protein Families:	Druggable Genome, Transcription Factors
Gene Summary:	This gene encodes a component of the mediator complex (also known as TRAP, SMCC, DRIP, or ARC), a transcriptional coactivator complex thought to be required for the expression of almost all genes. The mediator complex is recruited by transcriptional activators or nuclear receptors to induce gene expression, possibly by interacting with RNA polymerase II and promoting the formation of a transcriptional pre-initiation complex. The product of this gene is proposed to form a sub-complex with MED12, cyclin C, and CDK8 that can negatively regulate transactivation by mediator. [provided by RefSeq, Jul 2008]