

Product datasheet for **MC225226**

Med13l (NM_172424) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med13l (NM_172424) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med13l
Synonyms:	2210413l17Rik; 6330591G05Rik; 9030618F05Rik; mKIAA1025; Thrap2; Trap240L
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC225226 representing NM_172424 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACCGCCGCGGCGAACTGGGTAGCGAACGGGGCGAGCCTGGAGGATTGTCACTCCAACCTCTTCTCGC
TGGCTGAACCTCACAGGAATCAAATGGCGTAGGTACAATTTGGAGGGCACGGGGACTGTGGACCCATAAT
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GAATTATGCGTGGAGCAGGATGCGCCTGGGCAGAAGCTAGGGCTGGCAGGGATAGACGCCTCCTTAGAGG
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TCAGCGGGCTCCACCCCTCTGGACTCCAAGACCACATCTGACGTTCTAAGGTTTGTGCTGGAGCAGTAC
AACGCCATCTCTGGCTCAGTGCAATCCAGCCACCCAGGACCGCACTTCTGCTTCCCGTCCACTTCG
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_172424
Insert Size:	6624 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_172424.4, NP_766012.3</u>

RefSeq Size: 9315 bp
 RefSeq ORF: 6624 bp

Locus ID: 76199

UniProt ID: [Q6JPI3](#)

Cytogenetics: 5 F

Gene Summary: Component of the Mediator complex, a coactivator involved in the regulated transcription of nearly all RNA polymerase II-dependent genes. Mediator functions as a bridge to convey information from gene-specific regulatory proteins to the basal RNA polymerase II transcription machinery. Mediator is recruited to promoters by direct interactions with regulatory proteins and serves as a scaffold for the assembly of a functional preinitiation complex with RNA polymerase II and the general transcription factors. This subunit may specifically regulate transcription of targets of the Wnt signaling pathway and SHH signaling pathway (By similarity).[UniProtKB/Swiss-Prot Function]
 Transcript Variant: This variant (2) uses an alternate in-frame splice junction compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.