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Product datasheet for MC209481

Med22 (NM_001033908) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Med22 (NM_001033908) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Med22
Synonyms:	AW212655; AW558812; Surf-5; Surf5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC209481 representing NM_001033908 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGCCCAGCAGAGAGCCCTTCCCCAGAGCAAGGAGACGCTGCTGCAGTCATACAACAAGCGGCTCAAAG ACGACATCAAGTCCATCATGGACAACTTCACCGAGATCATCAAGACCGCCAAGATTGAGGATGAGACGCA GGTGTCTCGGGCTACTCAGGGCGAACAGGACAATTATGAGATGCACGTTCGAGCAGCCAACATCGTTCGA GCTGGTGAGTCACTGATGAAGCTGGTATCCGATCTCAAGCAGTTTCTGATCCTCAACGACTTCCCGTCTG TGAATGAAGCCATCGACCAGCGTAACCAGCAGCTTCGAGCCCTGCAGGAGGAGTGTGACCGCAAGCTCAT CACCCTGCGGGACGAGGTCTCCATTGACCTATATGAGCTGGAGGAGGAGTACTACTCGTCCAGCTCAAGT CTCTGCGAAGCTAATGACCTGCCTCTGTGTGAAGCTTACTGGAGGCTGGACCTCGACGCAGATTCTGCTG ATGGCCTCTCAGCCCCTCTTCTGGCGTCCCCGGAGACTGGTGCTGGTCCCTTACAGTCTGCAGCCCCTGT CCACTCCCATGGTGGTGGCCCTGGCCCTACAGAACACACCTGA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_001033908
Insert Size:	603 bp

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This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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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.
RefSeq:	NM_001033908.1, NP_001029080.1
RefSeq Size:	1367 bp
RefSeq ORF:	603 bp
Locus ID:	20933
UniProt ID:	Q62276
Cytogenetics:	2 19.09 cM
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 (By similarity). [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses alternate splice sites in the coding region, compared to variant 1. The resulting isoform (2) is longer and has a unique C-terminus when it is compared to isoform 1.

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