

Product datasheet for **SC320789**

MED28 (NM_025205) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | MED28 (NM_025205) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | MED28 |
| Synonyms: | 1500003D12Rik; EG1; magicin |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| Fully Sequenced ORF: | >OriGene sequence for NM_025205.3 AAACATGGCGGCTCCACTAGGGGTATGTTTTCTGGGCAGCCACCCGGTCCCCCTCAGGC CCCGCCGGGCTTCCGGGCAAGCTTCGCTTCTCAGGCAGCTCCAGGCGCTCCTAGACC TTCCAGCAGTACTTTGGTGGACGAGTTGGAGTCATCTTTCGAGGCTTGCTTTGCATCTCT GGTGAGTCAGGACTATGTCAATGGCACCAGTCAGGAAGAAATTCGAACCGGTGTTGATCA GTGTATCCAGAAGTTTCTGGATATTGCAAGACAGACAGAATGTTTTTCTTACAAAAAG ATTGCAGTTATCTGTCCAGAAACCAGAGCAAGTTATCAAAGAGGATGTGTCAGAACTAAG GAATGAATTACAGCGGAAAGATGCACTAGTCCAGAAGCACTTGACAAAGCTGAGGCATTG GCAGCAGGTGCTGGAGGACATCAACGTGCAGCACAAAAAGCCCGGACATCCCTCAGGG CTCCTTGGCCTACCTGGAGCAGGCATCTGCCAACATCCCTGCACCTCTGAAGCCAACGTG AGCAAAGGGCAGAGGCAGTTGGCCTATGAGTGGGCTGATGCGTGAGGTTGGCCACACATT CCTTCCTGTGGACTTGACATTTTGAAGAAGCTTTTGCCAGATAATGAGTTCATTTTAGT TTTATGCTCCCATTTGAAAAATTTTCCACTATTTTATAAGCTGTTAATTTCTTGAGTACT TTATAACATGTCTGTAGCTTGGATAAACCAAGTAAGTATTTTTTTTTGTCTTTAGCGAA GTTTAGACTGTGAATATGATGACACAGATTCTTTTTTATGGTGGCTTTGCTTGTTTTAA TTTTTGCATGACTTTTCATCTTTTATGTGTGTTTCTGTAGTTTGATCCGAAGGAAAAG AGTATAGTAGCCTGAGAATCAGGAGATGGGAGTTTTAGTCGTAGGCCTTATGATAATTAC CCCGCGGTGGTGTGTAGAAAAGTATGTAATTTGCTCTGTTTTAAGACTTTGAACCTACCT CAAGAAGAGGAATCTAATACAATATTTGTAATGTTAAAAAAAAAAAAAAAAAAAAA |
| Restriction Sites: | Please inquire |
| ACCN: | NM_025205 |



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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). |
| OTI Annotation: | This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA. |
| 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_025205.3</u> , <u>NP_079481.2</u> |
| RefSeq Size: | 1363 bp |
| RefSeq ORF: | 537 bp |
| Locus ID: | 80306 |
| UniProt ID: | <u>Q9H204</u> |
| Cytogenetics: | 4p15.32 |
| Protein Families: | Transcription Factors |
| 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. May be part of a complex containing NF2/merlin that participates in cellular signaling to the actin cytoskeleton downstream of tyrosine kinase signaling pathways.[UniProtKB/Swiss-Prot Function] |