

Product datasheet for **RG231724**

MAGEA5 (MAGEA10-MAGEA5) (NM_001204811) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: MAGEA5 (MAGEA10-MAGEA5) (NM_001204811) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: MAGEA10-MAGEA5
Synonyms: CT1.5
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG231724 representing NM_001204811
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTCTTGAGCAGAAGAGTCAGCACTGCAAGCCTGAGGAAGGCCTTGACACCCAAGAAGAGGCCCTGG
GCCTGGTGGGTGTGCAGGCTGCCACTACTGAGGAGCAGGAGGCTGTGTCTCCTCCTCCTCTGGTCCC
AGGCACCCTGGGGAGGTGCCTGCTGCTGGGTACCAGGTCTCTCAAGAGTCTCAGGGAGCCTCCGCC
ATCCCCACTGCCATCGATTTCACTCTATGGAGGCAATCCATTAAGGGCTCCAGCAACCAAGAAGAGGAGG
GGCCAAGCACCTCCCCTGACCCAGAGTCTGTGTTCCGAGCAGCACTCAGTAAGAAGTGGCTGACTTGAT
TCATTTTCTGCTCCTCAAGTAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG231724 representing NM_001204811
Red=Cloning site **Green**=Tags(s)
MSLEQKSQHCKPEEGLDTQEEALGLVGVAATTEEAEVSSSSPLVPGTLGEVPAAGSPGPLKSPQGASA
IPTAIDFTLWRQSIKGSNNQEEEPSTSPDPESVFRAALSKKVADLIHFLLLKY

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



[View online »](#)

OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	NM_001204811.3
RefSeq Size:	1873 bp
RefSeq ORF:	375 bp
Locus ID:	100533997
UniProt ID:	P43359
Cytogenetics:	Xq28
Gene Summary:	This locus represents naturally occurring read-through transcription between the neighboring MAGEA10 (melanoma antigen family A, 10) and MAGEA5 (melanoma antigen family A, 5) genes on chromosome X. The read-through transcript is predicted to encode the downstream gene product. [provided by RefSeq, Mar 2011]