

## Product datasheet for **RG200248**

### **RBPMS (NM\_001008712) Human Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	RBPMS (NM_001008712) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	RBPMS
Synonyms:	HERMES
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG200248 representing NM_001008712 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAACAACGGCGCAAAGCCGAGAAGGAGAACACCCCGAGCGAGGCCAACCTTCAGGAGGAGGAGTCC  
GGACCCTATTTGTCAGTGGCCTTCTCTGGATATCAAACCTCGGGAGCTCTATCTGCTTTTCAGACCATT  
TAAGGGCTATGAGGGTTCTTTATAAAGCTCACATCTAAACAGCCTGTAGGTTTTGTCAGTTTTGACAGT  
CGCTCAGAAGCAGAGGCTGCAAAGAATGCTTTGAATGGCATCCGCTTCGATCCTGAAATTCGCAAACAC  
TACGACTAGAGTTTGTCTAAGCAAACACGAAGATGGCCAAGAACAACCTCGTAGGGACTCCAACCCAG  
TACTCCTCTGCCAACACTGTACCTCAGTTCATTGCCAGAGGCCATATGAGCTCACAGTGCCTGCACTT  
TACCCAGTAGCCCTGAAGTGTGGGCCCGTACCTCTGTACCCAGCGGAGTTAGCGCCTGCTCTACCTC  
CTCCTGCTTTACCTATCCCGCTTCACTGCATGCCAGTGTCTCTCCTGAGGCAAAGCCCAACACACC  
TGTCTTTGTCCACTTCTCCAGCAAATTAGATTTGTCTCTGGGAATGTGTTTGTAAACATACCAACCTACT  
GCAGACCAGCAGAGGGAGCTCCCATGT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG200248 representing NM\_001008712  
 Red=Cloning site Green=Tags(s)

MNNGGKA EKENTPSEANLQEEVRTL FVSG LPLDIKPRELYLLFRPFKGYEGSLIKLTSKQPVGFVSFDS  
 RSEAEAAKNALNGIRFDPEIPQTLRLEFAKANTKMAKNKLVGTPNPSTPLPNTVPQFIAREPYELTVPAL  
 YPSSPEVWAPYPLYPALPALPPAFTYPASLHAQCFSPEAKPNTPVFCPLLQQIRFVSGNVFVTYQPT  
 ADQQRELPC

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_001008712

**ORF Size:** 657 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**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:**

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\\_001008712.2](#), [NP\\_001008712.1](#)

**RefSeq Size:** 1438 bp

**RefSeq ORF:** 660 bp

**Locus ID:** 11030

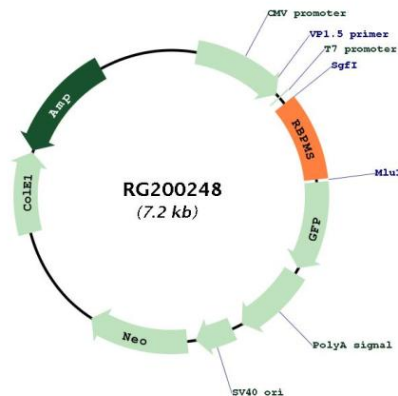
**UniProt ID:** [Q93062](#)

**Cytogenetics:** 8p12

**Protein Families:** Stem cell - Pluripotency

**Gene Summary:** This gene encodes a member of the RNA recognition motif family of RNA-binding proteins. The RNA recognition motif is between 80-100 amino acids in length and family members contain one to four copies of the motif. The RNA recognition motif consists of two short stretches of conserved sequence, as well as a few highly conserved hydrophobic residues. The encoded protein has a single, putative RNA recognition motif in its N-terminus. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jun 2013]

### Product images:



Circular map for RG200248