*h*MAS1L VersaClone cDNA

Catalog Number: RDC2162

Specifications:

Gene:	*h*MAS1L
Accession:	NP_443199
Insert size:	1150bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

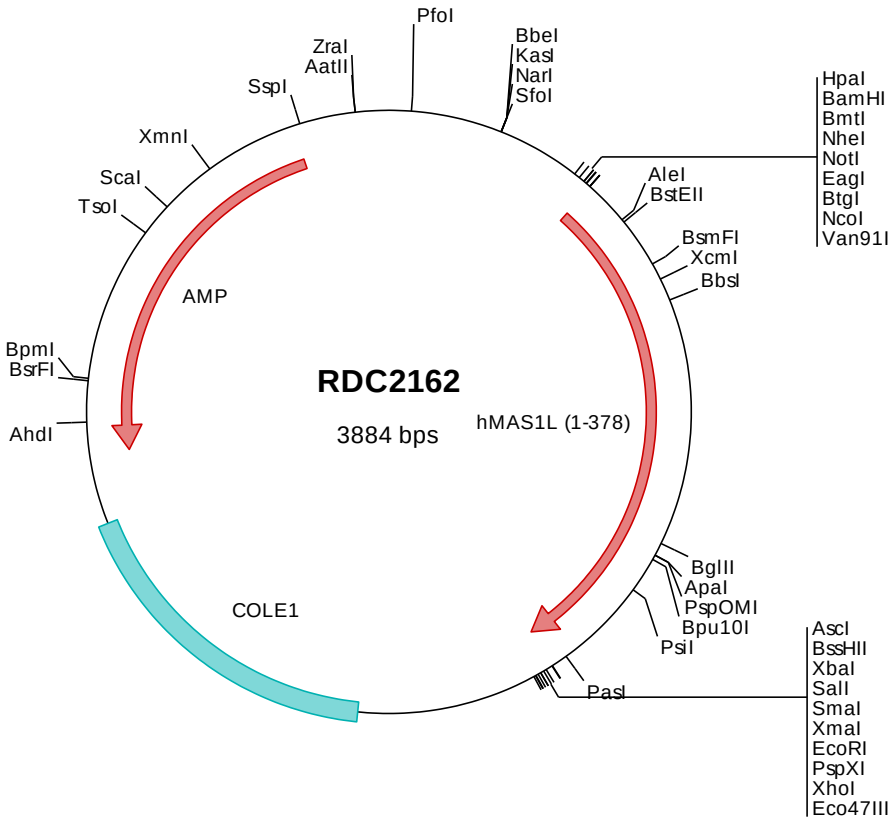
Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

*h*MAS1L cDNA Plasmid

MAS1L MAS1 proto-oncogene like, G protein-coupled receptor [*Homo sapiens* (human)]

Also known as: MRG; MAS-L; dJ994E9.2

Summary:
MAS1L belongs to the G-protein coupled receptor 1 family. It is an orphan receptor.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

R&D SYSTEMS
a bio-techne brand

> RDC2162 Plasmid DNA Sequence

```
   1  tcgcgcgttt cggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
 101  tcagggcgcg tcagcgggtg ttggcgggtg tcggggctgg cttaactatg cggcatcaga gcagattgta ctgagagtgc accatatgcg gtgtgaaata
 201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aagggcgatc ggtgcgggcc tcttcgctat
 301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagttgggta acgccagggt tttcccagtc acgacgttgt aaaacgacgg ccagtgaatt
 401  ggagacgtgt taacaagctt ggatccgata tcgctagcgc ggccgccacc atggtctggg ggaaaatttg ctggttcagc cagagggctg gatggacagt
 501  gtttgctgag tcacagatat ctctctcatg tagcctttgt ctccacagtg gtgaccagga ggcacagaac ccaaacctgg tatctcagct ctgtggcgtc
 601  tttcttcaaa atgagacgaa tgaaaccata catatgcaga tgagcatggc agtgggacag caggccctgc ccttgaatat cattgccccc aaggctgtgc
 701  tggtctccct ctgtggggtc ttattgaatg gcactgtctt ctggctgctt tgctgtgggg ccacgaatcc ctacatggta tacatcctcc acctggtcgc
 801  tgctgacgtg atctatcttt gctgctcggc agtggggttc ttacaggtga ctctgctaac ttatcatgga gtcgtgtttt ttatccctga tttcctggcc
 901  atattgtctc ccttctcctt tgaggtgtgt ctctgtctcc tggtggccat cagcacagag cggtgtgtgt gtgtcctctt ccccatctgg tacagatgcc
1001  accgcccaaa atacacatct aatgttgtct gcaccctcat ctggggcctg ccttttgca tcaacatagt aaaatcactt ttcctaactt actggaaaca
1101  tgtaaaggca tgtgtcatat ttctaaagct ttctgggctc ttccatgcta tcctttcact tgtgatgtgt gtgtcgagtc tgactctact cattagattc
1201  ctgtgctgct cccagcagca aaaggccacc agggtctatg cggtggtgca gatctcggcc cccatgttcc tactctgggc cctacccctg agcgtggcac
1301  ccctcataac agatttcaaa atgtttgtca ccacctccta tttaatttcc ttgttcctca ttatcaacag cagcgccaac cctatcattt atttctttgt
1401  ggggagcctc agaaagaaaa ggctgaagga atctctcaga gtgattctcc aacgggcgtt agcagataag ccagaggtgg ggaggaacaa aaaggcagct
1501  ggcatcgacc caatggagca accacactct actcagcatg tggagaacct tcttcccagg gagcacaggg tcgatgtgga aacataaagg cgcgccagta
1601  tactctagag tcgacacccg gggaattcct cgagcgctcg tctctagctt ggcgtaatca tggtcatagc tgtttcctgt gtgaaattgt tatccgctca
1701  caattccaca caacatacga gccggaagca taaagtgtaa agcctggggt gcctaatgag tgagctaact cacattaatt gcgttgcgct cactgcccgc
1801  tttccagtcg ggaaacctgt cgtgccagct gcattaatga atcggccaac gcgcggggag aggcggtttg cgtattgggc gctcttccgc ttcctcgctc
1901  actgactcgc tgcgctcggt cgttcggctg cggcgagcgg tatcagctca ctcaaaggcg gtaatacggt tatccacaga atcaggggat aacgcaggaa
2001  agaacatgtg agcaaaaggc cagcaaaagg ccaggaaccg taaaaaggcc gcgttgctgg cgtttttcca taggctccgc cccctgacg agcatcacaa
2101  aaatcgacgc tcaagtcaga ggtggcgaaa cccgacagga ctataaagat accaggcgtt tccccctgga agctccctcg tgcgctctcc tgttccgacc
2201  ctgccgctta ccggatacct gtccgccttt ctcccttcgg gaagcgtggc gctttctcaa tgctcacgct gtaggtatct cagttcggtg taggtcgttc
2301  gctccaagct gggctgtgtg cacgaacccc ccgttcagcc cgaccgctgc gccttatccg gtaactatcg tcttgagtcc aacccggtaa gacacgactt
2401  atcgccactg gcagcagcca ctggtaacag gattagcaga gcgaggtatg taggcggtgc tacagagttc ttgaagtggt ggcctaacta cggctacact
2501  agaaggacag tatttggtat ctgcgctctg ctgaagccag ttaccttcgg aaaaagagtt ggtagctctt gatccggcaa acaaaccacc gctggtagcg
2601  gtggtttttt tgtttgcaag cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacgggg tctgacgctc agtggaacga
2701  aaactcacgt taagggattt tggtcatgag attatcaaaa aggatcttca cctagatcct tttaaattaa aaatgaagtt ttaaatcaat ctaaagtata
2801  tatgagtaaa cttggtctga cagttaccaa tgcttaatca gtgaggcacc tatctcagcg atctgtctat ttcgttcatc catagttgcc tgactccccg
2901  tcgtgtagat aactacgata cgggagggct taccatctgg ccccagtgct gcaatgatac cgcgagaccc acgctcaccg gctccagatt tatcagcaat
3001  aaaccagcca gccggaaggg ccgagcgcag aagtggtcct gcaactttat ccgcctccat ccagtctatt aattgttgcc gggaagctag agtaagtagt
3101  tcgccagtta atagtttgcg caacgttgtt gccattgcta caggcatcgt ggtgtcacgc tcgtcgtttg gtatggcttc attcagctcc ggttcccaac
3201  gatcaaggcg agttacatga tcccccatgt tgtgcaaaaa agcggttagc tccttcggtc ctccgatcgt tgtcagaagt aagttggccg cagtgttatc
3301  actcatggtt atggcagcac tgcataattc tcttactgtc atgccatccg taagatgctt ttctgtgact ggtgagtact caaccaagtc attctgagaa
3401  tagtgtatgc ggcgaccgag ttgctcttgc ccggcgtcaa tacgggataa taccgcgcca catagcagaa ctttaaaagt gctcatcatt ggaaaacgtt
3501  cttcggggcg aaaactctca aggatcttac cgctgttgag atccagttcg atgtaaccca ctcgtgcacc caactgatct tcagcatctt ttactttcac
3601  cagcgtttct gggtgagcaa aaacaggaag gcaaaatgcc gcaaaaaagg gaataagggc gacacggaaa tgttgaatac tcatactctt cctttttcaa
3701  tattattgaa gcatttatca gggttattgt ctcatgagcg gatacatatt tgaatgtatt tagaaaaata aacaaatagg ggttccgcgc acatttcccc
3801  gaaaagtgcc acctgacgtc taagaaacca ttattatcat gacattaacc tataaaaata ggcgtatcac gaggcccttt cgtc
```

> RDC2162 Translated Insert Sequence

```
   1  mvwgkicwfs qragwtvfae sqislscslc lhsgdqeaqn pnlvsqlcgv flqnetneti hmqmsmavgq qalplniiap kavlvslcgv llngtvfwll
 101  ccgatnpymv yilhlvaadv iylccsavgf lqvtlltyhg vvffipdfla ilspfsfevc lcllvaiste rcvcvlfpiw yrchrpkyts nvvctliwgl
 201  pfcinivksl fltywkhvka cviflklsgl fhailslvmc vssltllirf lccsqqqkat rvyavvqisa pmfllwalpl svaplitdfk mfvttsylis
 301  lfliinssan piiyffvgsl rkkrlkeslr vilqraladk pevgrnkkaa gidpmeqphs tqhvenllpr ehrvdvet
```