

Product datasheet for **RG204910**

MAPK1IP1L (NM_144578) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAPK1IP1L (NM_144578) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	MAPK1IP1L
Synonyms:	C14orf32; c14_5346; MISS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG204910 representing NM_144578 Red =Cloning site Blue =ORF Green =Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGTCTGATGAATTTTCGTTGGCAGATGCACTACCTGAACACTCCCTGCCAAAACCTCTGCTGTGAGCA
 ATACAAAACCTGGCCAACCTCCTCAAGGCTGGCCAGGCTCCAACCCTTGAATAATCCGAGTGCTCCATC
 TTCAGTGCCATCTGGACTCCCACCAAGTGCAACACCCTCCACTGTGCCTTTGGACCAGCACCAACAGGA
 ATGTATCCCTCCGTGCCTCCACCGGACCACCTCCAGGACCCCGAGCACCTTTCTCTCCGGACCAT
 CATGTCCCCACCTGGTGGTCTTATCCAGCCCCAACTGTGCCGGGCCCTGGCCCCACAGGGCCATATCC
 TACACCAAATATGCCCTTTCCAGAGCTACCCAGACCATATGGTGCACCCACAGATCCAGCTGCAGCTGGT
 CCTTTAGGTCCATGGGGATCCATGTCTTCTGGACCTTGGGCGCCAGGAATGGGAGGGCAGTATCCTACCC
 CTAATATGCCATATCCATCTCCAGGCCATATCCCGCTCCTCCTCCCCAGGCCCTGGGGCAGCACC
 ACCTGTTCCATGGGGCACCCTTCCAGGAGCCTGGGGACCACCAGCACCATATCTGCCCTACAGGA
 TCGTATCCACACCAGGACTCTATCCTACTCCAGTAATCCTTTCCAAGTGCCTTCAGGACCTTCTGGTG
 CTCCACCAATGCCTGGTGGCCCCATTCTTACCAT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG204910 representing NM_144578
 Red=Cloning site Green=Tags(s)

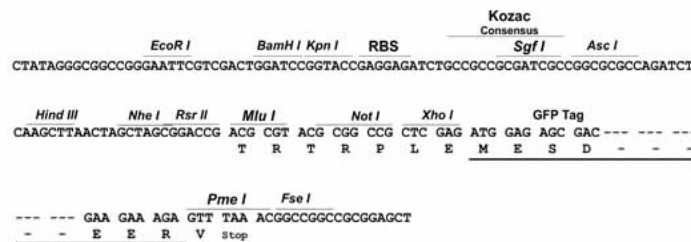
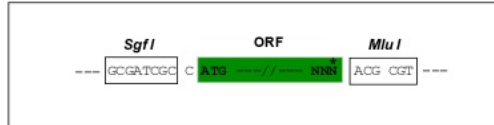
MSDEFSLADALPEHSPAKTSAVSNTKPGQPPQGWPGSNPWNPSAPSSVPSGLPPSATPSTVPFGPAPTG
 MYPSVPPTGPPPGPPAPFPPSGPSCPPPGGYPAPTVPGPGTGPYPTPNMPFPELPRPYGAPTDPAAG
 PLGPWGSMSGPWAPGMGGQYPTPNMPYPSGPYPAPPPQAPGAAPPVPWGTVPFGAWGPPAPYPAPTG
 SYPTPGLYPTPSNPFQVPSGPGSGAPPMGGPHSYH

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_144578

ORF Size: 735 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_144578.2](#), [NP_653179.1](#)

RefSeq Size: 6469 bp

RefSeq ORF: 738 bp

Locus ID: 93487

UniProt ID: [Q8NDC0](#)

Cytogenetics: 14q22.3

Product images:



Circular map for RG204910