

## Product datasheet for **MG205588**

### Uchl5ip (BC025464) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Uchl5ip (BC025464) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Uchl5ip
Synonyms:	1110020L19Rik; Uchl5ip; Uip1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205588 representing BC025464 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGAGGAGGGTGCCGGTGCCGGTCTGATGACAGCTACTACAAAGATGTGGGTGATGACTGCGTGG  
TCAAGGCAGCTGTAGAGGTGTTGAGAAGCTGAAGGGTGTAACTGCCCTTCTCGACGGCCTGTATAT  
TACAGAACCAAGACAATTATGGAGCTGCTGTGTAGGCCCTCAAAGTACCGGTTGGACATACTGGAATGG  
ATGTGTATACGGGTCTGCCCTCCTTGCAAGACAAGTTCATCTCACTGAAAGGGAATGCATTGGATTGA  
AGATACAGGAGATGTTGAAGCTAGGCCATGAGCTGATGTTTTGTGCACCAGATGACCAGGATCTTCTAAT  
GGGCCGTGAGTGTCCCAGAAGCAACTACAGTTTCATGGACAAGATACTGGATATGATGCAGAGCCTGGCC  
ACTGGATGCTCCAGTAGTTCTAGCCTGAAGGAACACCTTGAAGACACCACAGAGAAGAATGAGGCGTTGC  
TTGGGGAACCTCTTCCAGCCCCAACCTGAGGGCAATTTTGAACCTGAGAGTGACCCATGGCCTCTGGA  
CATGCAGTCTCTCTAAACAAGCAATCTGATGACCTGCCAAAGGCTGACCCCTCTGCCAGTCAGAGGGA  
GAAAAGGTGGCAGATCTGGCCAGGCAGCTGCAGGAGAGTGCTACTAAGCTTCAGACACTCCGAGACCAGT  
GCTTTCACAGCATAAAGCAGGGACTGACACCAGCACCATAGACCAGAACTTCGCTGGTCATCTCTGA  
CTTCTACCAGCTCATCTTGGCCTTCTGCAAGTCTATGATGATGAGCTACGCGAGTGCTGTCAGCGCCCA  
GTACCCAGCCTGCACCAAGTGGCCCCATCATCCAAGCTGTCTATCAGACTCTGGCTTCTGTGGCCAAT  
TGTTGAGAGCAGTCATGGAGATTGACAGACCTCTGCCGAAGCTATGAAAGCAGCAAGGAAGCAGGAAGG  
AGAGCCAAACTGTTGGAGCAGCAACAACCTGGGATAAGCCTAGCTGCCAGAATTGATGAAGTAACACAG  
AAGTACAAGATCCTTACTGACAGATTTACAGAGGCACAAGA

**ACCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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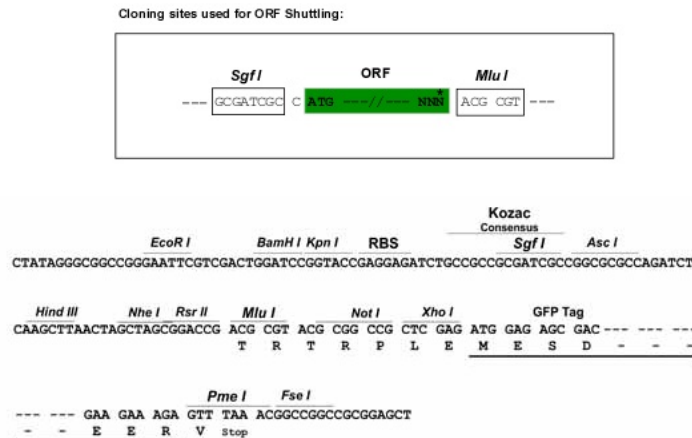
**Protein Sequence:** >MG205588 representing BC025464  
Red=Cloning site Green=Tags(s)

MAEEGAGAGSDDSYKDVGDCCVKAAVEVFEKLGVNCPFLDGLYITEPKTIMELLCRPSKYRLDILEW  
 MCIRVCPSLQDKFISLKGNALDLKIQEMLKLGHELMFCAPDDQDLLMGRECPQKQLQFMDKILDMQSLA  
 TGCSSSSSLKEHLEDTTTEKNEALLGELFSSPNLRAILKPESDPWPLDMQSSLNKQSDDLPKADPSAQSEG  
 EKVADLARQLQESATKLQTLRDQCFAQHKAGTDTSTIDQKLRLLVISDFYQLILAFLLQVYDDELRECCQRP  
 VPSLHPSGPIIQAVYQTLASCGQLLRVMEIADTSAEAMKAARKQEGEPNCWSSNNSGISLAARIDEVTV  
 KYKILTDRFHRGTR

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** BC025464

**ORF Size:** 1094 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:** [BC025464](#), [AAH25464](#)

**RefSeq Size:** 1370 bp

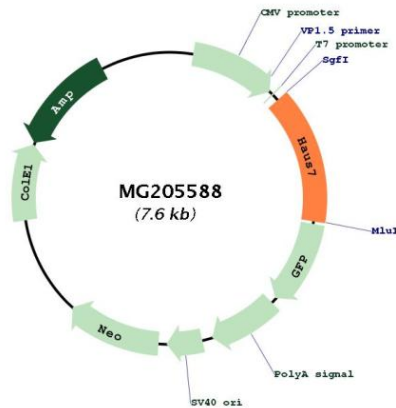
**RefSeq ORF:** 1094 bp

**Locus ID:** 73738

**Cytogenetics:** X A7.3

**Gene Summary:** Contributes to mitotic spindle assembly, maintenance of centrosome integrity and completion of cytokinesis as part of the HAUS augmin-like complex.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG205588