

Product datasheet for **RG203737**

UCHL5IP (HAUS7) (NM_017518) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UCHL5IP (HAUS7) (NM_017518) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UCHL5IP
Synonyms:	UCHL5IP; UIP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG203737 representing NM_017518 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCGGGCGCGGCTCGGAGCGCGAAACATGGCGGGGAGGACGCTGGCTGCGGCCGTGGCGGCGACG
 ACTACTCAGAGGACGAGGGCGACAGCAGCGTGTCCAGGGCGGCTGTGGAGGTGTTCCGGAAGCTGAAGGA
 CCTAAACTGCCCCTTCTCGAGGGTCTGTATATCACAGAGCCAAAGACAATTCAGGAAGCTGTGCAGC
 CCCTCAGAGTACCGCTTGGAGATCCTAGAGTGGATGTGTACCCGGGTCTGGCCCTACTGCAGGACAGGT
 TCAGCTCACTGAAAGGGGTCCCAACAGAGGTGAAGATCCAAGAAATGACGAAGCTGGGCCACGAGCTGAT
 GCTGTGTGCGCCAGATGACCAGGAGTCTCAAGGGCTGTGCCTGCGCCCAGAAGCAGCTACACTTCATG
 GACCAGTTGCTCGATACCATCCGGAGCCTGACCATTGGGTGCTCCAGTTGCTCGAGCCTGATGGAGCACT
 TCGAGGACACCAGGGAGAAGAACGAGGCCTTGCTGGGGGAGCTCTTCTCTAGCCCCACCTGCAGATGCT
 CCTGAATCCAGAGTGCGACCCGTGGCCCTGGACATGCAGCCCTCCTCAACAAGCAGAGTGATGACTGG
 CAGTGGGCCAGTGCCTCTGCCAAGTCCGAGGAGGAGGAGAAGCTGGCGGAGCTTGCCAGGCAGCTGCAGG
 AGAGTGCTGCCAAGTTGCACGCGCTTAGAACGGAGTACTTTGCACAGCATGAGCAAGGGGCTGCTGCGGG
 CGCAGCCGACATCAGCACCTAGACCAGAAGCTGCGTCTGGTCACTTCCGACTTCCACCAGCTAATCTTG
 GCTTTTCTCCAAGTCTACGACGACGAGCTGGGCGAGTGCTGCCAGCGCCAGGCCCTGACCTCCACCCGT
 GCGGCCCCATCATCCAGGCCACGCACCAGAATCTGACTTCTACAGCCAAGTCTGCAAGTGGTCAATGGC
 AGTTGCTGACACCTCTGCGAAGGCCGTGGAGACCGTGAAGAAGCAGCAAGGCGAGCAGATCTGCTGGGGT
 GGCAGCAGCTCCGTCATGAGTCTAGCTACCAAGATGAATGAAGTAAATGGAGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA


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Protein Sequence: >RG203737 representing NM_017518
 Red=Cloning site Green=Tags(s)

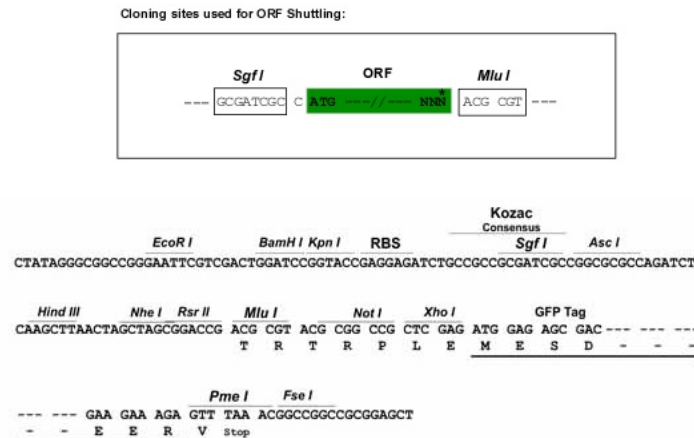
MGGARLGARNMAGQDAGCGRGDDYSEDEGDSSVSRAAVEVFGKLDLNCPLFLEGLYITEPKTIQELLCS
 PSEYRLEILEWMCTRVWPSLQDRFSSLKGVPTVEVKIQEMTKLGHELMCAPDDQELLKGCACAQQLHFM
 DQLLDTIRSLTIGCSSCSLMEHFEDTREKNEALLGELFSSPHLQMLNPECDPWPLDMQPLLNKQSDDW
 QWASASAKSEEEEKLAELARQLQESAACLHALRTEYFAQHEQGAAAGAADISTLDQKLRLVTSDFHQLIL
 AFLQVYDDELGECCQRPGLHPCGPIIQATHQNLTYSQQLQVVMADTSAKAVETVKKQQGEQICWG
 GSSSVMSLATKMNELMEK

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_017518

ORF Size: 1104 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_017518.7](#)

RefSeq Size: 1363 bp

RefSeq ORF: 1107 bp

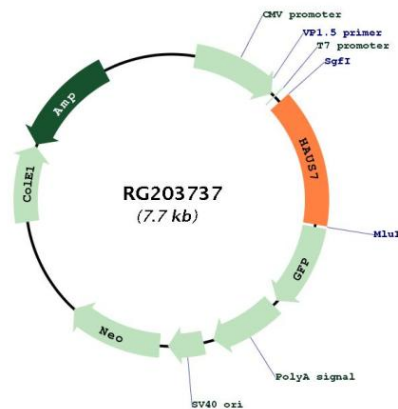
Locus ID: 55559

UniProt ID: [Q99871](#)

Cytogenetics: Xq28

Gene Summary: This gene encodes a subunit of the augmin complex, which regulates centrosome and mitotic spindle integrity, and is necessary for the completion of cytokinesis. The encoded protein was identified by interaction with ubiquitin C-terminal hydrolase 37. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2012]

Product images:



Circular map for RG203737