

## Product datasheet for **SC114090**

### UCHL5IP (HAUS7) (NM\_017518) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	UCHL5IP (HAUS7) (NM_017518) Human Untagged Clone
Tag:	Tag Free
Symbol:	UCHL5IP
Synonyms:	UCHL5IP; UIP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_017518, the custom clone sequence may differ by one or more nucleotides

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ATGGGCGGGGCGCGGCTCGGAGCGCAAACATGGCGGGGCGAGCAGCTGGCTGCGGCCGTGGCGGCGACG
ACTACTCAGAGGACGAGGGCGACAGCAGCGTGTCCAGGGCGGCTGTGGAGGTGTTTCGGAAGCTGAAGGA
CCTAAACTGCCCCCTTCTCGAGGGTCTGTATATCACAGAGCCAAAGACAATTCAGGAACTGCTGTGCAGC
CCCTCAGAGTACCGCTTGGAGATCCTAGAGTGGATGTGTACCCGGGTCTGGCCCTCACTGCAGGACAGGT
TCAGCTCACTGAAAGGGGTCCCAACAGAGGTGAAGATCCAAGAAATGACGAAGCTGGGCCACGAGCTGAT
GCTGTGTGCGCCAGATGACCAGGAGCTCCTCAAGGGCTGTGCCTGCGCCCAGAAGCAGCTACACTTCATG
GACCAGTTGCTCGATACCATCCGGAGCCTGACCATTGGGTGCTCCAGTTGCTCGAGCCTGATGGAGCACT
TCGAGGACACCAGGGAGAAGAACGAGGCCTTGCTGGGGGAGCTCTTCTAGCCCCACCTGCAGATGCT
CCTGAATCCAGAGTGCGACCCGTGGCCCTGGACATGCAGCCCTCCTCAACAAGCAGAGTGATGACTGG
CAGTGGGCCAGTGCCCTTGCCAAGTCCGAGGAGGAGGAGAAGCTGGCGGAGCTTGCCAGGCAGCTGCAGG
AGAGTGCTGCCAAGTTGCACGCGCTTAGAACGGAGTACTTTGCACAGCATGAGCAAGGGGCTGCTGCGGG
CGCAGCCGACATCAGCACCCCTAGACCAGAAGCTGCGTCTGGTCACTTCCGACTTCCACCAGCTAATCTTG
GCTTTTCTCCAAGTCTACGACGACGAGCTGGGCGAGTGTGCCAGCGCCAGGCCCTGACCTCCACCCGT
GCGGCCCATCATCCAGGCCACGCACCAGAATCTGACTTCTACAGCCAAGTGTGCAAGTGGTCAATGGC
AGTTGCTGACACCTCTGCGAAGCGGTGGAGACCGTGAAGAAGCAGCAAGGCGAGCATCTGCTGGGGT
GGCAGCAGCTCCGTCATGAGTCTAGCTACCAAGATGAATGAAGTAAATGGAGAAATAG
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_017518 unedited ACCCAGACCTCNGTGTANGGGCGGAACGCCATTTCGGCACGAGGGAAACATGGCGGGGCA GGACGCTGGCTGCGGGCGTGGCGGCGACGACTACTCAGAGGACGAAGGCGACAGCAGCGT GTCCAGGGCGGCTGTGGAGGTGTTCGGGAAGCTGAAGGACCTAACTGCCCTTCCTCGA GGGTCTGTATATCACAGAGCCAAAGACTTTCAGGAACTGCTGTGCAGCCCCTCAGAGTAC CGCTTGGAGATCCTAGAGTGGATGTGTACCCGGGTCTGGCCCTCACTGCAGGACAGGTTT AGCTCACTGAAAGGGGTCCCAACAGAGGTGAAGATCCAAGAAATGACGAAGCTGGGCCAC GAGCTGATGCTGTGTGCCAGATGACCAGGAGCTCCTCAAGGGCTGTGCCTGCGCCAG AAGCAGCTACACTTCATGGACCAGTTGCTCGATACCATCCGGAGCCTGACCATTGGGTGC TCCAGTTGCTCGAGCCTGATGGAGCACTTCGAGGACACCAGGGAGAAGAACGAGGCCCTTG CTGGGGGAGCTCTTCTAGCCCCACCTGCAGATGCTCCTGAATCCAGAGTGCGACCCG TGGCCCTGGACATGCAGCCCCTCTCAACAAGCAGAGTGATGACTGGCAGTGGGCCAGT GCCTCTGCCAAGTCCGAGGAGGATGAGAAGCTGGCGGAGCTTGCCNAGCAGCTGCAGGAG AGTGCTGCCAAGTTGCACGCGCTTAGAACGGAGTACTTTGCACAGCATGAGCCAAGGGCT GCTGCNGGCGCAGNCGACATCAGCACCCCTAGACCAGAAGCTGCGTCTGGTCACTTTCGAC TTCACCAGCTAATCTGGNCTTTNCTNCACTCTACGAGACAAGCTGGGCGAAGTGCTGCAG CGCCCAGNCCCTGTACTTCACCGTGCGGNCCANATNNCAGCCAGCACCAGATCTGACTC CTACACCACTGCTGAG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_017518
<b>Insert Size:</b>	1800 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_017518.4</a></u> , <u><a href="#">NP_059988.2</a></u>
<b>RefSeq Size:</b>	1378 bp
<b>RefSeq ORF:</b>	1077 bp
<b>Locus ID:</b>	55559
<b>UniProt ID:</b>	<u><a href="#">Q99871</a></u>
<b>Cytogenetics:</b>	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]

Transcript Variant: This variant (1) encodes the protein. CCDS Note: The translation initiation codon selected for this CCDS representation has a strong Kozak signal, but it appears to be human-specific. A much better-conserved alternate start codon, which also has a strong Kozak signal, exists further downstream. Use of the downstream start codon would result in a protein that is 10 aa shorter at the N-terminus. No experimental evidence exists to indicate which start codon is used in vivo.