

## Product datasheet for **SC114848**

### HURP (DLGAP5) (NM\_014750) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	HURP (DLGAP5) (NM_014750) Human Untagged Clone
Tag:	Tag Free
Symbol:	HURP
Synonyms:	DLG7; HURP
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >OriGene ORF within SC114848 sequence for NM\_014750 edited (data generated by NextGen Sequencing)

```

ATGTCTTCATCACATTTTGCCAGTCGACACAGGAAGGATATAAGTACTGAAATGATTAGA
ACTAAAATTGCTCATAGGAAATCACTGTCTCAGAAAGAAAATAGACATAAGGAATACGAA
CGAAATAGACACTTTGGTTTGAAGATGTAACATTCACCTTGAAGGTAGAATTCTT
GTTGAATTAGATGAGACATCTCAAGGGCTTGTCCAGAAAAGACCAATGTTAAGCCAAGG
GCAATGAAAACCTATTCTAGGTGATCAACGAAAACAGATGCTCAAAAATACAAAGAAGAA
AAGCAACTTCAAAAATTGAAAGAGCAGAGAGAGAAAGCTAAACGAGGAATATTTAAAGTG
GGTCGTTATAGACCTGATATGCCTTGTCTTTTATCAAACCAGAATGCTGTGAAAGCT
GAGCCAAAAAAGGCTATTCCATCTTCTGTACGGATTACAAGTTAAAGGCCAAAGACCAA
ATGGAGCAGACTAAGATTGATAACGAGAGTGATGTTTCGAGCAATCCGACCTGGTCCAAGA
CAAACCTCTGAAAAGAAAGTGTGAGACAAAGAGAAAAAGTTGTGCAGCCTGTAATGCC
ACGTCGTTGAGAATGACTCGATCAGCTACTCAAGCAGCAAAGCAGTTCCAGAACAGTC
TCATCTACCACAGCAAGAAAGCCAGTACAAGAGCTGCTAATGAAAACGAACCAGAAGGA
AAGGTGCCAAGTAAAGGAAGACCTGCCAAAATGTAGAAAACAAAACCCGACAAGGGTATT
TCTTGTAAAGTCGATAGTGAAGAAAATACTTTGAATTCACAAACTAATGCAACAAGTGGA
ATGAATCCAGATGGAGTCTTATCAAAAATGGAAAACCTACCTGAGATAAACTACTGAAAA
ATAAAAGGGAAGAATTCCTTTGCACCTAAGGATTTTATGTTTCAGCCACTGGATGGTCTG
AAGACCTATCAAGTAACACCTATGACTCCCAGAAAGTCCAATGCTTTTTTACACCCAGT
TACACCTGGACTCCTTTAAAAACAGAAGTTGATGAGTCTCAAGCAACAAAAGAAATTTG
GCACAAAATGTAAAACCTACTCTACCAAGACAATACAGCAAGATTCAAATAAATGGCA
TGTCTTTGGGTCCTCTAACTGTTTGGCATGAAGAACATGTTTTAAATAAAAATGAAGCT
ACTACTAAAAATTTAAATGGCCTTCCAATAAAAAGAAAGTCCCATCACTTGAAAGAAATGAA
GGTCGAATTGCTCAGCCCCACCATGGTGTGCCATATTTTCAGAAATATCCTCCAGTCAGAA
ACTGAGAAATTAACCTCATTGCTTCGAGTGGGACAGGAAACTTGAATTGGACATTCCA
GATGATGCTAAAGATCTTATTCGCACAGCAGTTGGTCAAACAAGACTCCTTATGAAGGAA
AGGTTTAAACAGTTTGAAGGACTGGTTGATGATTGTGAATATAAACGAGGTATAAAGGAG
ACTACCTGTACAGATCTGGATGGATTTTGGGATATGGTTAGTTTTAGATAGAAGATGTA
ATCCACAAATTCACAACTGATCAAACCTGAGGAATCTGGGTGGCAAGTCAATAATAAT
ATGAATCATAATGAACAAAAATGTCTTTAGGAAAAAAGTTGTCTCAGGTATAGCAAGT
AAACAAAACAGGATGATGCTGGAAGAATTGCAGCGAGAATCGCCTAGCTGCCATAAAA
AATGCAATGAGAGAGAGAATTAGGCAGGAAGAATGTGCTGAAACAGCAGTTTCTGTGATA
CCAAAGGAAGTTGATAAAATAGTGTTCGATGCTGGATTTTTTCAGAGTTGAAAGTCCTGTT
AAATTATTCTCAGGACTTTCTGTCTCTTCTGAAGGCCCTTCTCAAAGACTTGAACACCT
AAGTCTGTCAACAAGCTGTATCTCAGAGTAGAAATGAGATGGGCATTCCACAACAACT
ACATCACCAGAAAATGCCGGTCTCAGAATACGAAAAGTGAACATGTGAAGAAGACTTTG
TTTTTGTGATTTCTGAAAGCAGGAGCAGCATAGAAGATGCTCAGTGTCTGGATTACCA
GATTTAATTGAAGAAAATCATGTTGTAATAAGACAGACTTGAAGGTGGATTGTTTATCC
AAAAAAGAAGGAATTTTCAGATGTTGTGGAAGGAATGGAAGTGAATTTCTCAATTACATCA
CAGGATGTTTTGATGAGTAGCCCTGAAAAAATACAGCTTCACAAAATAGCATCTTAGAA
GAAGGGGAAAACAAAATTTCTCAGTCAGAACTATTTGATAATAAAAGTCTCACTACTGAA
TGCCACCTTCTTGATTACCAGGTCTAACTGCAGTAATCCATTTACTCAGCTGGAGAGG
AGACATCAAGAACATGCCAGACACATTTCTTTGGTGGTAACCTGATTACTTTTTACCT
CTACAACCAGGAGAATTTTGA

```

Clone variation with respect to NM\_014750.4  
464 c=>t

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_014750 unedited</p> <pre> TTTGTAAACGACTCACTATAGGGCGGCCGCAATTCGGCACGAGGCTCGGGTTGTGAGG GTTCTGCTTCGGAGTCGGCGGTGGTCGTCCAGACCGAGTGTCTTTACTTTTTGTTGG TTGAGGTTTCACGCTAGAAGGTGGCTCAGGATGTCTTCATCACATTTTCCAGTCGACAC AGGAAGGATATAAGTACTGAAATGATTAGAATAAAATGCTCATAGGAAATCACTGTCT CAGAAAAGAAAATAGACATAAGGAATACGAACGAAAATAGACACTTGGTTTGAAAGATGTA AACATTCCAACCTTGAAGGTAGAATTCTTGTGAATTAGATGAGACATCTCAAGGGCTT GTTCCAGAAAAGACCAATGTAAAGCCAAGGCAATGAAAATCTTAGGTGATCAACGA AAACAGATGCTCCAAAAATACAAAAGAAAAGCAACTTCAAAAAATTGAAAGAGCAGAGA GAGAAAGCTAAACGAGGAATATTTAAAGTGGTTCGTTATAGACCTGATATGCCTGTTTT CTTTTATCAAACAGAAATGCTGTGAAAGCTGAGCCAAAAAAGGCTATTCCATCTTCTGTA CGGATTACAAGGTTAAAGGCCAAAGAACCAATGGAGCAGACTAAGATTGATAACGAGAG TGATGTTGAGCAATCCGACCTGGTCCAAGACAAACTTCTGAAAAGAAAGTGCAGACAA AGAGAAAAAAGTTGTGCAGCCTGTAATGCCACGTCGTTGAGATGACTCGATCAGCTACT CAAGCGCANAGCAGGTTCCAGAACAGTCTNCATCTACCACAGCAGATAGCCAGTCACAA GAGCTGCNNTATGAAACGAACGAGAAGGAATGGTGCCCNAGTAAGGAAGACCTGCCANAN ATGTAGAAAACAAACCCGACAGGGGTATTCTTGTAAAGTCGATATGN </pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_014750 unedited</p> <pre> GTAAGCGGCCGCCTAAATACAGTTTTTTTTTTTTTTTTTTTAAACAGTACATTTTTTATT CTGTGTTGAAAAGTACAAAATATCCCCTTCCCTTGAGAAAGATATATCTAAAAATACAC TTTGATGAACACAGAATATTAACATTATATGCTATAGAAGTGAACACAAATACATTTT CTCCAAAATTTCAATAGTCTAAGGAATATAAAGCATTGATAATATGAAGGAAAATGTTG GGATTTATTTTTAAATTCAAAATTCCTCGTTGTAGAGGTGAAAAGTAAATCAGGTTAC CACAAAAGAAATGTGTCTGGCATGTTCTTGTATGTCCTCTCCAGCTGAGTAAATGGAT TACTGCAGTTTAAACCTGGAGAATCAAGAAGGTGGCATTCAAGTAGAGAGACTTTTATTAT CAAATAGTTCTGACTGAGAAATTTAGTTTCCCCTTCTCTAAGATGCTATTTTGAGAAG CTGTATTTTTTTCAGGGCTACTCATCAAAACATCCTGTGATGTAATTGAAGAATTCAGTT CCATTCCTCCACAACATCTGAAATTCCTTTTTTTTGTAGTATTAATATCATCTGCTA CTCCACCAGCAAGATGAGGCAAACTCATTCTCTCACTGGATAAAACAATCCACCTTCAAGT CTGTCTTATTTACAACATGATTTTCTTCAATTAATCTGGTAATCCAGGACACTGAGCAT CTTCTATGCTGCTCCTGCTTTCAGGAATACTCANAAAAGTCTTCTTACATGTTTAC TCTTCGATTCTGAGGACCGCATTTTCTAGAGATGTAGTTTGTGAGGAAGCCCACTCATT CTACTCTGAGACAGCTTTGTGAAGACTAAGTGTCCAGTCTAGAGAAGGCCTTAAAGAAC GAGTCTGAAATATTACAGACTTCACTTGAATNAGCATGAACTATTATACTCCTTGGTCA AAACTCTGTCAAAATTT </pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_014750
<b>Insert Size:</b>	2660 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>	<a href="#">NM_014750.3</a> , <a href="#">NP_055565.2</a>
<b>RefSeq Size:</b>	2979 bp
<b>RefSeq ORF:</b>	2541 bp
<b>Locus ID:</b>	9787
<b>UniProt ID:</b>	<a href="#">Q15398</a>
<b>Cytogenetics:</b>	14q22.3
<b>Domains:</b>	GKAP
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	<p>Potential cell cycle regulator that may play a role in carcinogenesis of cancer cells. Mitotic phosphoprotein regulated by the ubiquitin-proteasome pathway. Key regulator of adherens junction integrity and differentiation that may be involved in CDH1-mediated adhesion and signaling in epithelial cells.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the shorter transcript but encodes the longer isoform (a).</p>