

## Product datasheet for **SC327229**

### **HURP (DLGAP5) (NM\_001146015) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	HURP (DLGAP5) (NM_001146015) 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)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_001146015, the custom clone sequence may differ by one or more nucleotides

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ATGTCTTCATCACATTTTCCAGTCGACACAGGAAGGATATAAGTACTGAAATGATTAGA
ACTAAAATTGCTCATAGGAAATCACTGTCTCAGAAAGAAAATAGACATAAGGAATACGAA
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GGTCGTTATAGACCTGATATGCCTTGTCTTTTATCAAACCAGAATGCTGTGAAAGCT
GAGCCAAAAAAGGCTATTCCATCTTCTGTACGGATTACAAGTCAAAGGCCAAAGACCAA
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CAAACCTTCTGAAAAGAAAGTGTCAAGAAAAGAGAAAAAGTTGTGCAGCCTGTAATGCC
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TCATCTACCACAGCAAGAAAGCCAGTACAAGAGCTGCTAATGAAAACGAACCAGAAGGA
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TACACCTGGACTCCTTTAAAAACAGAAGTTGATGAGTCTCAAGCAACAAAAGAAATTTG
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ACTACCTGTACAGATCTGGATGGATTTTGGGATATGGTTAGTTTTAGATAGAAGATGTA
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AATGCAATGAGAGAGAGAATTAGGCAGGAAGAATGTGCTGAAACAGCAGTTTCTGTGATA
CCAAAGGAAGTTGATAAAATAGTGTTCGATGCTGGATTTTTTCAGAGTTGAAAGTCCTGTT
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AAGTCTGTCAACAAGCTGTATCTCAGAGTAGAAATGAGATGGGCATTCCACAACAACT
ACATCACCAGAAAATGCCGGTCTCAGAATACGAAAAGTGAACATGTGAAGAAGACTTTG
TTTTTGTGATTTCTGAAAGCAGGAGCAGCATAGAAGATGCTCAGTGTCTGGATTACCA
GATTTAATTGAAGAAAATCATGTTGTAATAAGACAGACTTGAAGGTGGATTGTTTATCC
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CAGGATGTTTTGATGAGTAGCCCTGAAAAAATACAGCTTCACAAAATAGCATCTTAGAA
GAAGGGGAAAACAAAATTTCTCAGTCAGAACTATTTGATAATAAAAGTCTCACTACTGAA
TGCCACCTTCTTGATTGAGTGGGATCTTGCTATGTTGCTCGGGCTGGTCTTGAAGTCCTG
GGTTCAAGTGATCCTACCACCTCAGCCTCCCGAGTAGCTGGGACTACAGCCAGGTCTAAA
CTGCAG
    
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**Restriction Sites:** Please inquire  
**ACCN:** NM\_001146015

<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>OTI Annotation:</b>	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
<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_001146015.1</a></u> , <u><a href="#">NP_001139487.1</a></u>
<b>RefSeq Size:</b>	3084 bp
<b>RefSeq ORF:</b>	2529 bp
<b>Locus ID:</b>	9787
<b>UniProt ID:</b>	<u><a href="#">Q15398</a></u>
<b>Cytogenetics:</b>	14q22.3
<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 (2) includes an alternate exon in the 3' coding region, compared to variant 1, that causes a frameshift. The resulting protein (isoform b) has a distinct C-terminus, compared to isoform a.</p>