

Product datasheet for **SC324638**

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:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_014750.3
 GGAGGCTCGGGTTGTGAGGGTTCCTGCTTCGGAGTCGGCGGTGGTTCGTCCAGACCGAGTG
 TTCTTTACTTTTTGTTTGGTTGAGGTTTCACGCTAGAAGGTGGCTCAGGATGTCTTCATC
 ACATTTTGCCAGTCGACACAGGAAGGATATAAGTACTGAAATGATTAGAATAAAATTGC
 TCATAGGAAATCACTGTCTCAGAAAGAAAATAGACATAAGGAATACGAACGAAATAGACA
 CTTTGGTTTAAAAGATGTAACATTTCAACCTTGAAGGTAGAATTCTTGTGTAATTAGA
 TGAGACATCTCAAGGGCTTGTTCAGAAAAGACCAATGTTAAGCCAAGGGCAATGAAAAC
 TATTCTAGGTGATCAACGAAAACAGATGCTCAAAAATACAAAGAAGAAAAGCAACTTCA
 AAAATTGAAAGAGCAGAGAGAGAAAAGCTAAACGAGGAATATTTAAAGTGGGTCGTATAG
 ACCTGATATGCCTTGTCTTTCTTTTATCAAACAGAAATGCTGTGAAAGCTGAGCCAAAAA
 GGCTATTCCATCTTCTGTACGGATTACAAGGTCAAAGGCCAAAGACCAAAATGGAGCAGAC
 TAAGATTGATAACGAGAGTGATGTTTCGAGCAATCCGACCTGGTCCAAGACAAACTTCTGA
 AAAGAAAGTGTGACAGAAAAGAGAAAAAAGTTGTGCAGCCTGTAATGCCACGTCGTTGAG
 AATGACTCGATCAGTACTCAAGCAGCAAAGCAGGTTCCAGAACAGTCTCATCTACCAC
 AGCAAGAAAGCCAGTCACAAGAGCTGCTAATGAAAACGAACCAGAAAGGAAAGGTGCCAAG
 TAAAGGAAGACCTGCCAAAAATGTAGAAAACAAAACCCGACAAGGGTATTTCTTGTAAAGT
 CGATAGTGAAGAAAATACTTTGAATTCAAAACTAATGCAACAAGTGAATGAATCCAGA
 TGGAGTCTTATCAAAAATGGAAGAACTTACCTGAGATAAATACTGCAAAAATAAAAGGGAA
 GAATTCCTTTGCACCTAAGGATTTTATGTTTCAGCCACTGGATGGTCTGAAGACCTATCA
 AGTAACACCTATGACTCCCAGAAGTGCCAATGCTTTTTGACACCCAGTTACACCTGGAC
 TCCTTTAAAAACAGAAGTTGATGAGTCTCAAGCAACAAAAGAAAATTTTGGCAGAAAAATG
 TAAAACCTACTCTACCAAGACAATACAGCAAGATTCAAATAAATTGCCATGTCCTTTGGG
 TCCTCTAACTGTTTGGCATGAAGAACATGTTTTAAATAAAAATGAAGTACTACTAAAAA
 TTTAAATGGCCTTCCAATAAAAGAAGTCCCATCACTTGAAAAGAAAATGAAGGTGCAATTGC
 TCAGCCCCACCATGGTGTGCCATATTTTCAGAAATATCCTCCAGTCAGAAAAGTGAAGAAAT
 AACTTCACATTGCTTCGAGTGGGACAGGAACTTGAATTGGACATTCCAGATGATGCTAA
 AGATCTTATTCGCACAGCAGTTGGTCAAACAAGACTCCTTATGAAGGAAAGGTTTAAACA
 GTTTGAAGGACTGGTTGATGATTGTGAATATAAACGAGGTATAAAGGAGACTACCTGTAC
 AGATCTGGATGGATTTTGGGATATGGTTAGTTTTCAGATAGAAGATGTAATCCACAAAT
 CAACAATCTGATCAAACCTGAGGAATCTGGGTGGCAAGTCAATAATAATGAATCATAA
 TATGAACAAAAATGCTTTTAGGAAAAAAGTTGTCTCAGGTATAGCAAGTAAACCAAAACA
 GGATGATGCTGGAAGAATTGCAGCGAGAAATCGCCTAGCTGCCATAAAAATGCAATGAG
 AGAGAGAATTAGGCAGGAAGAATGTGCTGAAAACAGCAGTTTCTGTGATACCAAAGGAAAT
 TGATAAAATAGTGTTCGATGCTGGATTTTTTCAGAGTTGAAAGTCTGTAAATATTCTC
 AGGACTTTCTGTCTCTTCTGAAGGCCCTTCTCAAAGACTTGGAACACCTAAGTCTGTCAA
 CAAAGCTGTATCTCAGAGTAGAAATGAGATGGGCATTCCACAACAACTACATCACCAGA
 AAATGCCGGTCCCTCAGAATACGAAAAGTGAACATGTGAAGAAGACTTTGTTTTGAGTAT
 TCCTGAAAGCAGGAGCAGCATAGAAGATGCTCAGTGTCTGGATTACCAGATTTAATTGA
 AGAAAATCATGTTGTAATAAGACAGACTTGAAGGTGGATTGTTTATCCAGTGAGAGAAT
 GAGTTTGCCTCTTCTTGTGGTGGAGTAGCAGATGATATTAATACTAACAAAAAAGAAGG
 AATTTTCAGATGTTGTGGAAGGAATGGAAGTGAATCTTCAATTACATCACAGGATGTTTT
 GATGAGTAGCCCTGAAAAAATACAGCTTCAAAAATAGCATCTTAGAAGAAGGGGAAAC
 TAAAATTTCTCAGTCAGAACTATTTGATAATAAAAGTCTCACTACTGAATGCCACCTTCT
 TGATTACCAGGCTAAACTGCAGTAATCCATTTACTCAGCTGGAGAGGAGACATCAAGA
 ACATGCCAGACACATTTCTTTGGTGGTAACCTGATTACTTTTTACCTCTACAACCAGG
 AGAATTTTGAATTTAAAAATAAATCCAAACATTTTCTTCATATTATCAATGCTTATATA
 TTCTTAGACTATTGAAATTTTGGAGAAAATGATTTGTGTTCACTTCTATAGCATATAA
 TGTTTTAATATTCTGTTCATCAAAGTGTATTTAGATATACTTTTCTCAAGGGAAGT
 GGGGATATTTGTACATTTTCAACACAGAATAAAAATGTACTGTGCCTTGAIAAAAAA
 AAAAAA

Restriction Sites: Please inquire

ACCN:	NM_014750
OTI Disclaimer:	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).
OTI Annotation:	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.
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:	<ol style="list-style-type: none"> 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:	<u>NM_014750.3</u> , <u>NP_055565.2</u>
RefSeq Size:	2979 bp
RefSeq ORF:	2541 bp
Locus ID:	9787
UniProt ID:	<u>Q15398</u>
Cytogenetics:	14q22.3
Domains:	GKAP
Protein Families:	Druggable Genome
Gene Summary:	<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>