

## Product datasheet for **SC315089**

### HIP1 (AF365404) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HIP1 (AF365404) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** HIP1  
**Synonyms:** HIP-I; ILWEQ; SHON; SHONbeta; SHONGamma  
**Vector:** pCMV6 series  
**Fully Sequenced ORF:** >NCBI ORF sequence for AF365404, the custom clone sequence may differ by one or more nucleotides

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ATGAAGCAGGTGCCCAACCCACTGCCAAGGTGCTGAGCCGCGCGGGTTCGGCGCTGGG
CTGGAGCGCGGAGCGGAGAGCTTCGAGCGACTCAGACTGTCAGCATCAATAAGGCC
ATTAATACGCAGGAAGTGGCTGTAAAGGAAAAACAGCCAGAACGTGCATACTGGGCACC
CACCATGAGAAAGGGGCACAGACCTTCTGGTCTGTTGTCAACCGCTGCCTCTGTCTAGC
AACGCAGTGTCTGCTGGAAGTTCTGCCATGTGTCCACAACTCCTCCGAGATGGACAC
CCGAACGTCTGAAGACTCTCTGAGATACAGAAATGAATTGAGTGACATGAGCAGGATG
TGGGGCCACCTGAGCGAGGGGTATGGCCAGCTGTGCAGCATCTACCTGAAACTGTAAGA
ACCAAGATGGAGTACCACACAAAAATCCAGGTTCCCAGGCAACCTGCAGATGAGTGAC
CGCCAGCTGGACGAGGCTGGAGAAAGTGACGTGAACAACCTTTTTCCAGTTAACAGTGGAG
ATGTTTGACTACCTGGAGTGTGAACTCAACCTCTTCCAAACAGTATTCAACTCCCTGGAC
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GTCATCTTGGACTGCAGCCACCTTTATGACTACACTGTCAAGCTTCTCTTCAAACCCAC
TCCTGCCTCCCAGCTGACACCCTGCAAGGCCACCGGGACCGCTTCATGGAGCAGTTTACA
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ATCCCCCAGCTGCCTGAGAACCACCCAACTTCTGCGAGCCTCAGCCCTGTCAGAACAT
ATCAGCCCTGTGGTGGTATCCCTGCAGAGGCCTCATCCCCGACAGCGAGCCAGTCCTA
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TATAGCAAGCTAAAGGAGAAGTACAGCGAGCTGGTTGAGAACCAGCTGACCTGCTGCGG
AAGAATGCAGAGGTGACCAACAGGTGTCCATGGCCAGACAAGCCAGGTAGATTTGGAA
CGAGAGAAAAAGAGCTGGAGGATTCGTTGGAGCGCATCAGTGACCAGGGCCAGCGGAAG
ACTCAAGAACAGCTGGAAGTTCTAGAGAGCTTGAAGCAGGAACCTGCCACAAGCCAACGG
GAGCTTCAAGTTCTGCAAGGCAGCCTGGAACCTTCTGCCAGTCAGAAGCAAACCTGGGCA
GCCGAGTTCGCCGAGCTAGAGAAGGAGCGGGACAGCCTGGTGAGTGGCGCAGCTCATAGG

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GAGGAGGAATTATCTGCTCTTCGGAAAGAACTGCAGGACACTCAGCTCAAACCTGGCCAGC  
 ACAGAGGAATCTATGTGCCAGCTTGCCAAAGACCAACGAAAAATGCTTCTGGTGGGGTCC  
 AGGAAGGCTGCGGAGCAGGTGATACAAGACGCCCTGAACCAGCTTGAAGAACCCTCCTCTC  
 ATCAGCTGCGCTGGGTCTGCAGATCACCTCCTCTCCACGGTCACATCCATTTCCAGCTGC  
 ATCGAGCAACTGGAGAAAAGCTGGAGCCAGTATCTGGCCTGCCCAGAAGACATCAGTGGA  
 TTTCTCCATTCCATAACCCTGCTGGCCCACTTGACCAGCGAGCCATTGCTCATGGTGCC  
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 TATGGCAGGGAAACCCTCGCCTACCTGGCCTCCCTGGAGGAAGAGGGAAGCCTTGAGAAT  
 GCCGACAGCACAGCCATGAGAACTGCCTGAGCAAGATCAAGGCCATCGGCGAGGAGCTC  
 CTGCCAGGGGACTGGACATCAAGCAGGAGGAGCTGGGGACCTGGTGGACAAGGAGATG  
 GCGGCCACTTCAGCTGCTATTGAACTGCCACGGCCAGAATAGAGGAGATGCTCAGCAA  
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 ATTGTGGAGAGCGCAGGGGTACAGCATCCCCTAAAGAGTTTTATGCCAAGAACTCTCGA  
 TGGACAGAAGGACTTATCTCAGCCTCCAAGGCTGTGGGCTGGGGAGCCACTGTCATGGTG  
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 CATGAAATTGCTGCTAGCACAGCCAGCTTGTGGCTGCATCCAAGGTGAAAGCTGATAAG  
 GACAGCCCAACCTAGCCAGCTGCAGCAGGCCTCTCGGGGAGTGAACCAGGCCACTGCC  
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 TTCTCAAGCATGACGCTGACACAGATCAAACGCCAAGAGATGGATTCTCAGGTTAGGGTG  
 CTAGAGCTAGAAAATGAATTGCAGAAGGAGCGTCAAAAAGCTGGGAGAGCTTCGAAAAAG  
 CACTACGAGCTTGTGGTGTGCTGAGGGCTGGGAAGAAGGAACAGAGGCATCTCCACCT  
 AACTGCAAGAAGTGTAACCGAAAAAGAA

**Restriction Sites:**

Please inquire

**ACCN:**

AF365404

**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:**

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:**
[AF365404.1](#), [AAL87037.1](#)
**RefSeq Size:**

3093 bp

**RefSeq ORF:**

3093 bp

<b>Locus ID:</b>	3092
<b>Cytogenetics:</b>	7q11.23
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	Huntington's disease
<b>Gene Summary:</b>	The product of this gene is a membrane-associated protein that functions in clathrin-mediated endocytosis and protein trafficking within the cell. The encoded protein binds to the huntingtin protein in the brain; this interaction is lost in Huntington's disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2013]