

## Product datasheet for SC331200

### HIRIP3 (NM\_001197323) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** HIRIP3 (NM\_001197323) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** HIRIP3  
**Vector:** pCMV6-Entry (PS100001)  
**Fully Sequenced ORF:** >SC331200 representing NM\_001197323.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGGCGCGGAGAAGGAGATGCAGGAGTTCACCCGTAGCTTCTCCGAGGCCGCCGGACCTCAGCACG  
 CTTACGCATTCCATCGTGCGCCGAGGTAAGTCTAGCTCACTCGGGCCGAGCCACCTGGAGCCCGAGGAG  
 AAGCAGGCACTGAAGCGGCTGGTGGAGGAGGAGCTGCTGAAGATGCAGGTGGATGAAGCCGCTTCCAGG  
 GAAGACAACTGGACCTTACCAAGAAGGCAAGAGGCCTCCACCCCTTGTAGCGACCCGGAGAGAAAA  
 AGGTTCCGCTTCAATTCAGAGTCGGGCTGGCTCAGGTCGCCGTGGAGAGGACCACCCGGCTGTGATGAG  
 GCTGAAGCGCTACATTCGGGCCTGTGGTGCCCATCGAACTACAAGAAGCTGTTGGGCTCCTGTTGCTC  
 ACACAAGGAGCGCCTGAGTATCCTCCGGCAGAACTGGAAGCGCTAGGCATGAAGGTTACCCCTTCCCT  
 AGGGAAGTGTCGGGCCCTGAAGGAGCAGAGGGAGGAGGCAGCTGA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001197323

**Insert Size:** 528 bp

**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).

**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.


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**RefSeq:** NM\_001197323.1

**RefSeq Size:** 2127 bp

**RefSeq ORF:** 528 bp

**Locus ID:** 8479

**UniProt ID:** Q9BW71

**Cytogenetics:** 16p11.2

**MW:** 19.7 kDa

**Gene Summary:** The HIRA protein shares sequence similarity with Hir1p and Hir2p, the two corepressors of histone gene transcription characterized in the yeast, *Saccharomyces cerevisiae*. The structural features of the HIRA protein suggest that it may function as part of a multiprotein complex. Several cDNAs encoding HIRA-interacting proteins, or HIRIPs, have been identified. In vitro, the protein encoded by this gene binds HIRA, as well as H2B and H3 core histones, indicating that a complex containing HIRA-HIRIP3 could function in some aspects of chromatin and histone metabolism. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene.[provided by RefSeq, Aug 2011]  
Transcript Variant: This variant (2) lacks an exon in the coding region, resulting in frame-shift, compared to variant 1. The resulting isoform (2) is shorter and has a distinct C-terminus, compared to isoform 1.