

Product datasheet for **SC306337**

HUS1B (NM_148959) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	HUS1B (NM_148959) Human Untagged Clone
Tag:	Tag Free
Symbol:	HUS1B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC306337 representing NM_148959. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGAAGTTTCGCGCCAAGATCACCGGCAAAGGCTGTCTAGAGCTGTTTATTACAGTCAGCGGCACCGTC
GCGAGGCTAGCGAAGGTCTGCGTGCTCCGCGTGCGCCCTGACAGCCTGTGCTTCGGCCCCGCGGGTTCC
GGCGGCCCTCCACGAGGCCAGGCTGTGGTGCGAGGTGCGGCAGGGGGCCTTCCAGCAGTTTCGCATGGAA
GGTGTCTCGGAAGATCTCGATGAGATCCACCTGGAGCTGACGGCGGAGCACCTGTCCGGGCGGCGAGA
AGCGCAGCGGGCGCGTCTCTCTGAAGCTGCAGCTGACCCACAAGCGCCGCCCTCCCTCACGGTGGCG
GTGGAGCTGGTCTCGTCCCTGGGCCGCGCTCGCAGCGTGGTGACGATCTGCCCGTGGGGTGCTTCCC
AGGAGAGTGTGGCGGACTGCCTGCCGCCAGCCTGCGCGCCTCCGACGCGAGCATCCGCTGCCGCGC
TGGAGGACGCTGAGGAGCATCGTGGAGAGGATGGCGAACGTGGGAGTCACGTGCTGGTGAAGCAAAC
CTCAGTGGCAGGATGACCCTGAGTATAGAGACGGAGGTGGTGTCCATTCAAAGTTATTTAAAAATCTT
GGAAACCCTCCCAAGTCGGCTGTGGGTGTGCCTGAAAACAGAGACCTGGAGAGCATGGTGAAGTGGCG
GTGGACAATCGGAAGCTTCTGCAGTTTTTGGAGGGACAGCAAATACATCCTACGACGGCCCTGTGAAT
ATTTGGGACAATACTCTTCTCAGCTTGTCTTGGTTCAAGAAGATGTCTCTTTCAGTATTTTATTCTT
GCCTTG**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_148959
Insert Size:	837 bp



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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_148959.3</u>
RefSeq Size:	1026 bp
RefSeq ORF:	837 bp
Locus ID:	135458
UniProt ID:	<u>Q8NHY5</u>
Cytogenetics:	6p25.3
MW:	31 kDa
Gene Summary:	The protein encoded by this gene is most closely related to HUS1, a component of a cell cycle checkpoint protein complex involved in cell cycle arrest in response to DNA damage. This protein can interact with the check point protein RAD1 but not with RAD9. Overexpression of this protein has been shown to induce cell death, which suggests a related but distinct role of this protein, as compared to the HUS1. [provided by RefSeq, Jul 2008]