

Product datasheet for MC218182

Hus1 (BC061249) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hus1 (BC061249) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hus1
Synonyms:	mHus1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC061249 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTTTCGCGCCAAGATCGTGGACCTGGCTTGTCTGAATCATTTACACGAGTCAGTAACATGATAG
CCAAGCTTGCCAAAACCTGCACCCTCCGCATCAGCCCGGAGAAGCTGAACATTCATCCTTTGCGACAAGCT
GGCCAGTGGAGGCGTGAGCATGTGGTGTGAGCTGGAGCAGGAGAAGCTTTTTAGTGAATTTCAAATGGAA
GGAGTCTCTGAAGAAAACAACGAGATTTATTTAGAATTAACGTCGGAAAACCTTATCTCGAGCCTTGAAAA
CTGCCCAGAACTCCAGAGCCTTGAAAATCAAGCTGACTAACAAACACTTCCCTGTCTTACCGTGTCTGT
AGAGCTGCAGGTGTCTTCATCGAGCAGCAGCAGAATCGTGGTGCATGATATCCCCATAAAGGTTCTTCCG
AGAAGACTGTGGAAGGACTTACAAGAACCCTCCATCCCAGACTGTGATGTCAGTATTTGCTTACCAGCCT
TGAAGATGATGAAGAGTGTGTGGAAAAATGAGAAACATCAGCAATCAGCTTGTGATTGAAGCAAACCT
AAAGGGAGAATTAACCTAAAGATAGAACTGAGTTAGTGTGTGTGACTACTCATTTAAGGATCTTGAA
AACCTCTATTACCCTCTGACAGTGTCTCTCAAAACAGACACCCAGAAGACATGGCCAAGGTGCACATTG
ACATAAAGAACTCCTCCAGTTTCTTGCCGGACAGCAAGTACTCCCAAGGCAGTGTGCAGTGAGTT
TGCTTCTCCATTATCCACCTCCTTTGTCTACATATGCAAGTATGCCAGTTCTGGCAATCGAGCTGCCT
GAGACAGTCAGGCTTGAAGGTCCCTTGAGCCAGAGGTATCTAGAGATGCTGAGGAAGAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	BC061249
Insert Size:	903 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).
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:	BC061249 , AAH61249
RefSeq Size:	2127 bp
RefSeq ORF:	902 bp
Locus ID:	15574
Cytogenetics:	11 5.74 cM
Gene Summary:	This gene encodes a component of a cell cycle checkpoint complex that causes cell cycle arrest in response to bulky DNA lesions and DNA replication blockage. Together with the proteins Rad9 and Rad1, the encoded protein forms a heterotrimeric complex known as the 9-1-1 complex. Mice lacking the encoded protein develop spontaneous chromosomal abnormalities resulting in embryonic lethality. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2015]