

Product datasheet for **RN214734**

Hells (NM_001106371) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hells (NM_001106371) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hells
Synonyms:	Tbc1d12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN214734 representing NM_001106371
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCCTGCGGAGCGGCCCGCAGCAGCAGCGGCCCTTGCTCCAGAAATGGCTGAGCAAACGGAGCCTG
CAGTGATTACCCAGCCATGCTGGAGGAGGAAGAACAGCTCGAGGCTGAGGGACTTGAGAAGGAACGGAA
GATGTTAGAAGAGGCTCGAAAGTCTGGGACAGAGAGTCCACTGAAATTCGGTACCGCAGACTGCAACAT
TTGCTTAAAAAAGCAATATCTACTCAAAATTTTTGTTGACTAAAATGGAACAACAGCAGTTGGAGGAAC
AGAAGAAAAAGAGAAGTTGGAGAAAAAACCAGTCAATAAAGTTACAGAGGGTAAAAATTAATTGA
TGGAAATGAAGAGAATACAGTCATGAAAAAAGAGGAAGAGAAGATGAATCTTATAATATTTTCAGAG
GTCATGTCAAAGAGGAAATTTGTCAGTGGCTAAAAACATAAGGATAATGAGGATGAAAACCTTCCA
CTACTAATCTTTGTGTAAGATCTTCAGAAAAAAGAGGATCAAAATAGTATGATTAAGATAGATTGTC
TCAAACCTTTAGCAGAATCTAAATCTTTTTGATCCAGTTCGAAAATGTAATGGACAGCCTGTACCC
TTTCAACAACCCAAAGCATTTCACAGGAGGAGTGATGAGGTGGTACCAAGTAGAAGGCATGGAATGGCTTA
GGATGCTTTGGGAAAATGGAATTAATGGCATTAGCAGATGAAATGGGTTTGGGAAAGACGGTTCAAGT
CATTGCTACAATTGCATTGATGATTACAGAGGGAGTACCTGGACCTTTCCTTGTGTTGGCCCTTTGCT
ACACTTCTAACTGGATGGCTGAGTTCAAAAGATTTACTCCAGAAATTCCTACTTTGCTGTATCATGGAA
ACCGGCAGGAACGTCGAAAATTAGTAAAGAATATTCACAAAAGACAAGGGACGTTGCAGATTCATCCTGT
TGTAATCACATCATTTGAAATAGCTATGAGAGACCAGAATGCTTTACAGCATTGCTATTGGAAATACTTA
ATAGTAGATGAAGGACACAGGATTAAGAATATGAAGTCCCGCTAATCAGGGAGTTAAAACGGTTCAATG
CTGATAACAAACTCTTTTGTGACTGGTACTCCCTTGCAAAAACAATTTATCAGAACTTTGGTCATTGAAA
CTTTTTGTTACCAGATGATTTGATGACTTGAAAAGCTTTGAGTCTTGGTTTGATACACTAGTCTTTCT
GAAACTGCTGAAGATATTATAGCTAAAGAAAGAGAACAGAACGTTTTACATATGCTGCACCAGATTTTAA
CGCCTTTCCTACTGAGAAGACTGAAGTCTGATGTTGCTCTTGAAGTCCCTCCTAAGCGGGAAGTGGTTGT
TTATGCACCACTTTGCAATAAACAGAGATCTTCTATACAGCTATTGTGAACCGCACAATTGCAAACATG
TTTGGATCTTGAGAAGGAAACAGTTGAGTTAAGTCTACTGGAAGACCAAACGGCGAAGTAGAAAGT
CAATAAATTACAGCGAAGTGGATCAGTTCCTAGTGAATTAGAAAACTAATAAGTCAAATACAGCCAGA
AGTAAAAAGAGAGAGGACTGTTGTGGAAGGTAATATCCCTATAGAATCTGAAGTTAATCTGAAGCTGCAG
AATATAATGATGCTACTCGAAAGTGTGCAATCATCCATATATGATTGAGTACCCTATAGACCCTGTCA
CACAGGAGTTAAGATTGATGAAGAATGGTAACAAATCTGGGAAGTTCCTAATTTGGATCGAATGCT
GCCAGAACTTAAAAAAGATGTCACAAGTTCTGGTTTTTTCACAAATGACAAGCATGTTGGACATCTTG
ATGGATTATTGCCATCTTAGAACTTTACCTTTAGCAGACTTGATGGGTCCATGTCTTATTCGGAAGAG
AAAAAATATATACAGTTTCAACACGGATCCAGAGTTTTTTCTTTCTTGTAGTACACGAGCTGGTGG
CTTAGGCATTAATTTGACTGCAGCAGATACAGTATGATTTATGACAGTATTGGAATCCTCAGTCTGAT
CTCCAGGCCCAAGATAGATGTATAGAATTGGTCAGACAAAGCCAGTTGTTGTCTATCGCCTCGTGACAG
CAAATACTATTGACCAGAAAATTTGTGGAAGAGCAGCTGCTAAAAGAAAGTTGGAGAAAGTGAATAATCCA
TAAAAATCATTCAAAGGTGGTCACTGGGTTAAGTCAATCTAAGAATTTCTTAGATGCAAAGGAATTA
ATGGAGTTATTAATCTAGAGATTATGAAAGGGAAGTAAAAGGATCCAGAGAGAAGGTCATTAGTGATG
AAGATCTAGAATTTATTAGATCGAAGTATCTCATTGATCAAATGAAGGCTTCAAGACCAATTAAGA
GAAAACGGGGATTTCAAATACTAGAAAATCTGAAGATTCCAGTGCTGAATGTTTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001106371
Insert Size: 2514 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:	<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_001106371.1</u> , <u>NP_001099841.1</u>
RefSeq Size:	3164 bp
RefSeq ORF:	2514 bp
Locus ID:	294071
Cytogenetics:	1q53