

Product datasheet for SC307868

JHY (NM_199124) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JHY (NM_199124) Human Untagged Clone
Tag:	Tag Free
Symbol:	JHY
Synonyms:	C11orf63
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC307868 representing NM_199124. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAGTAAACGTAACCTAATTCCTAAGCTCTCTATTCAATCTCCTGTCTTCATACCAACTTAAATGTC
 CAGTCCACACACCCACCTTTGAAGAAAGAAGACTTACATCGGATTTCAAAGACTCCTTGGAACTCTGAT
 TCAGAAAGCCTCACGCAAGAGATTATGTGCCATTCTGAGTTTGATGATCGAATCCGGGGCAACGGTATG
 GAGCCCGACAGCTTAGACGAGGAGGAAAGCCCTCGATGGGGAAGCCTGCACGAGATGGAAGAGGAAGCA
 AGTGGAAAAGCAGCTCAGATGGCTCGCGAGCAAAACCACCATACCTGGGACCAGGGCGCCAATAACAGG
 CAACAACCAATAGAAGACAAATATTCAGACCTCCGCTATGACCCGAAGTGAAGAGTAAGAAGGAGGAA
 GGGCAGCTGCTGTCTGTGGAAGCGTTGCCGGAGTCCACGGACAGCTCTTTAGAAAATCTGCCTTTGGCT
 CCCCTCTACCTTCCCAGGAGACGTCAATGGAAGTCTCCGGGGGAAAAGGCGAGCAGAAAAGAGAGTCCA
 CAGAGTGCAGCTTCTTTACTTGGTAGTGAATTTTAAAGCCAACTATGAGCATGGTGCCCGTCGCAGC
 AAGCCGTTTTTCAGAGCTGAGCGACAGTGACCTGGAGGAGAAGTCGAGCAGCCTTTCTCCGTACGTGAAG
 AGCTCAAGTTCACATAACGAGGTTTTCTGCCGGGATCACGTGGCCCTCGGCGAAGGAAATCCAAACAA
 CATTTTGTGGAAAAACAAGCTCACTTTGGGATTACCCACCCGAAAACGGACTCTTATCTTCAACTT
 CACAATAAAAAAGAGGGGAATCTCATCCAGAACAGTCAATTTGAGAGTAAATCTCTCCACGTGAT
 GGATTCAAACCTTTTGGAGCCAG**TAA**
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_199124
Insert Size:	924 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_199124.2</u>
RefSeq Size:	2130 bp
RefSeq ORF:	924 bp
Locus ID:	79864
UniProt ID:	<u>Q6NUN7</u>
Cytogenetics:	11q24.1
MW:	34.8 kDa
Gene Summary:	<p>Required for the normal development of cilia in brain ependymal cells lining the ventricular surfaces.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) lacks several exons but has an alternate 3' terminal exon, compared to variant 1. The resulting isoform (2) is much shorter and has a distinct C-terminus, compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>