

Product datasheet for **SC214912**

JPH3 (NM_020655) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	JPH3 (NM_020655) Human 3' UTR Clone
Symbol:	JPH3
Synonyms:	CAGL237; HDL2; JP-3; JP3; TNRC22
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_020655
Insert Size:	1526 bp



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Insert Sequence: >SC214912 3'UTR clone of NM_020655
The sequence shown below is from the reference sequence of NM_020655. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
GCCATTCTGTTTATTAACCTTTTTCATCATGATGAGATGTCGCGGTAGCAAAAATAGAGAAAGGGTAGAAA
AAAGGGACATTAAAATTAAGCAAAACCAACAAGAAGGGAAGACCGCAACTCGGACAGCCAGCGACT
TCCAAGTCCTCTCACAGAAGAACCACACGATTGGGTATCACTCACAGTTTGCCTTTTTTCTGGGTAAT
GTTTTTTGGATTTTAGCCAAAATCTTTGCTTGATAACACTCTGCTGTGTGGCATGGCAGAAGGAGGC
CAGCACGCAGCCCTCCAGCTCCACGTGGAGACAGAAGGGATCCCGGCACATCAGTGGTAACAGCGGAC
GTTGTCTCGTGGTCACACGTCCCGTCTTGGGTGGATGGAGGGCAGCCGGGGCAGAGCCTCAGCCC
CGCGGCCCTGAGTGGCAGGGCTGACTCCCGTCGACACGAGCTTAGAAAGTGGATTCACTGCTTTCTCT
GTCTAGAACAGACGGGTGACAAGTATGGGCAGGAGGCATGGGGCAGGGTGGCCACCCAGTGGGCAGT
AGCCTGGCCTTTTCTGTGTGAGATCTGTGCTGCACACCTGAGGGAGGGGAGGGATCGGCCACCTCCT
CCCTGTGAGACGGATGCAGGTCCTTCCCTCTTCTCGGCACTGCCCCGGCCTTCCATGAGAAGCCGACT
CCCCACACCGAGTTTAAAGCAAAGCCCTTTCTTCTGCTGCCCACTCACTGTGGGTCCCATTGCGCTG
TTTCCCCACAGACCCAGGGAAGCCGGGGCCCACTCCGATCCGCTGGGCTCAGCTAAGCACGGAAG
CCAAGGGGGCTGTGCCGTGGAGCTGGGCTCGCGCCGGGGCTCTGGGTGTGTGCGCTTGGCGTGCAGGGT
GGACGCGTGGGGTTCCGTGTCCCAGCAGTGAGGGCCCTAGAGGACGCCTTCTCCCATGGTTACTGATC
TCCACGGGTTTTACATCTCTGTACTGTGCCTGCCTCACTTCCCTAACAGATATGCATATTCCTTCC
AGATGCCCTCAGTGCTACACCACAGTGGGCTGGTCCCAGGACAGGAATGCGGTTCAAACCCAGTGGCTT
GAAACTTCTGTAGAACTGTAGCATATCCAGCCCTAAATGTACAATGTAACCTGTTTTCAGTCCAACA
AAAACAGGTTCTTATGTTTCTGCCTTCTCCACAGGGTCGCTCCATCACCCAAACAAAAGAACAGGT
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ACGGCCATACGCAGGACCCCTGTGCCGGGGAGGCGCTGCAGGGATTCCCATCCGGTCGTCTTGGGGC
CAGCCCGTCTTATGGACTCTGCCTTGTCTTGTATGTTTAGCTGTTTCTGCTACCTTTCGAGCAGA
CTTCTTTACTACACTGCACTGGATTGCTATATTTTAACCAGAAATAAACTAAAGATTAGAGCATGTTT
CAGTAAA
AGCGGACCGACTTACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCC
CAACCTGCCATCACGAGATTTTCGATTCCACCGCCGC
  
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Restriction Sites: SgfI-RsrII

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_020655.4

Summary:	Junctional complexes between the plasma membrane and endoplasmic/sarcoplasmic reticulum are a common feature of all excitable cell types and mediate cross talk between cell surface and intracellular ion channels. The protein encoded by this gene is a component of junctional complexes and is composed of a C-terminal hydrophobic segment spanning the endoplasmic/sarcoplasmic reticulum membrane and a remaining cytoplasmic domain that shows specific affinity for the plasma membrane. CAG/CTG repeat expansion from normally 6-28 repeats to 40-59 repeats in the 3' UTR of this gene have been associated with Huntington disease-like 2 (HDL2). This gene is a member of the junctophilin gene family. Alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2016]
Locus ID:	57338
MW:	55.2