

## Product datasheet for **SC301721**

### NHLRC3 (NM\_001012754) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NHLRC3 (NM_001012754) Human Untagged Clone
Tag:	Tag Free
Symbol:	NHLRC3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301721 representing NM_001012754. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGAGATTCTGGGTCTGCGTAGCCGGTGCTGGCTTCTTTCTGCATTTTGGTTTTGCATTCGCGT
TTTTGTGGCTCTCCAGTTTTGAGGAACCTTACTTTTGCAGTTTCTGGGAACTGAGAAAATCTTTAC
CGGCTGGATGTGGTTGGCCTAAGCACCGAATATTTTACCGGAACAACATTTTGTGTTGCAGTTGAC
TCCCTCAATGGATTGGTTACATAGGTCAAAGAGGGGATAACATCCCAAAGATATTAGTGTTCACAGAG
GATGGATATTTCTACGAGCCTGGAATTACAGTTGACACACCTCATGGTATATTTGCAGCCAGTACT
CTATATGAACAATCCGCTGGATCAGGATGTAGGAAGTGGATTTTGGTCATACTGTTAAAAAATAC
AGTTCTTTTGGTGATCTTGTTCAAGTCTTGGTACTCCAGGCAAAAAAGGCACTAGTTTGAATCCTTTG
CAGTTTGATAACCCAGCAGAATTATATGTAGAGGACACAGGAGATATTTACATTGTGGATGGAGATGGA
GGATTGAATAACAGATTGATCAAACGTCCCAAGATTTTCATGATCCTTTGGCTGCATGGAGAAAATGGG
ACAGGGCCTGCTAAGTTCAACATACCTCACAGTTTACACTTGATTGAGCTGGTGGGTTGGTGGTGGT
GACCGAGGAAATAAAGAATCCAAGTATTTGATAAAGACTGGGGAGTGGTTAGGAGCATGGAATAAT
TGTTTCACAGAAGAGGGACCTTCTCAGTCAGGTTTACTCCTGATGGGAAGTACTTGATTGTGGCCAG
CTGAATCTTAGCAGGCTCTCAGTCGTAGCAGCACCCAGTGGGAAGCATTGGGGAGTGTCTGTGATC
AGCACAATCCAAC TAGCAGATCAAGTTTTGCCACATCTCCTAGAAGTCGACAGAAAGACTGGAGCAGTC
TATGTAGCAGAAATTGGAGCAAAACAAGTACAAAAATATGTCCTTTGAATAGCTATGTTCTTCATTT
GGTTCATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001012754
Insert Size:	1044 bp



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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001012754.3</u>
<b>RefSeq Size:</b>	3569 bp
<b>RefSeq ORF:</b>	1044 bp
<b>Locus ID:</b>	387921
<b>UniProt ID:</b>	<u>Q5JS37</u>
<b>Cytogenetics:</b>	13q13.3
<b>Protein Families:</b>	Transmembrane
<b>MW:</b>	38.3 kDa
<b>Gene Summary:</b>	<p>This gene encodes a protein containing NCL-1, HT2A and Lin-41 (NHL) family repeats. Mammalian NHL-repeat containing proteins may be involved in a variety of enzymatic processes, including protein modification through ubiquitination. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Aug 2012]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).</p>