

Product datasheet for **SC308756**

QRICH2 (NM_032134) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: QRICH2 (NM_032134) Human Untagged Clone
Tag: Tag Free
Symbol: QRICH2
Synonyms: SPGF35
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_032134 edited
 ATGAAGGACGCCCGAGGAGCTCAGCTTTGCCAGGGTACTTTTACAGCGGGTTGATGAA
 CTAGAGAAGCTATTCAAAGATCGGGAGCAATTCCTGGAAGTACTAGTACAGCCGGAAGCTGAGT
 TTGGTTCCCTGGTGCAGAAGAAGTCACCATGGTCACTGGGAAGAGCTGGAGCAGGCGATT
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 CCAAGTATTGAGCAGGCTCTGGATTCTGCCAGTGGTCTTGGCCCGGATCGGACTGCATCA
 GGATCTGGTGGCAGCACACCCCTCTGATGGGGTTTCCAGCAGGGAACAAAGCAAGGTC
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 CTCCATCAGTCTTCTACATTCAAATCAAATCAGACTCAGATCGTCACAGGAGTAGAGAG
 AAGCTTACCTCGACACAACCAAGAAGAAATGCACGTCTGGTCCAGTTCAACAGGACTTA
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 ACTTACCCACATGGTGTGGTACCCCTCAGCATGGGTGAGCTTGGTGTGCCACCACCTGAA
 ATGGATGATCGGGAATTGATACCATTTGTTGTGGATGAGCAACGTATGTTGCCACCATCA
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CAGCCTGGCTTGGTCCAACCTGGTGCAGATCAGATTGATGTGGTCAACCTGGTGCAGAT
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 CAGCATGGTTTGGTCCAACCTGGAGTAGATCAGCGTGGTTTGGCACAACCTCGTGCAGAT
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CTCACCTACCCCTACCACCGCAGCCGCCCGCAGCACCTTCCCCGGGGCCTGTATCCTACT
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AGCAATGGCCAGCTGCCCTCTCGGCCACAGAGCGCCAGATTTTCGGCTGGCAACACCTCA
GAAAGATAG
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Restriction Sites:	Please inquire
ACCN:	NM_032134
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:	The open reading frame of this TrueClone was fully sequenced and found to differ from the protein associated to this reference by eight amino acids.
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_032134.1</u> , <u>NP_115510.1</u>
RefSeq Size:	5411 bp
RefSeq ORF:	4992 bp
Locus ID:	84074
UniProt ID:	<u>Q9H0J4</u>
Cytogenetics:	17q25.1
Gene Summary:	Has an essential role in the formation of sperm flagella and flagellar structure maintainance. It acts as a suppressor of ubiquitination and degradation of proteins involved in flagellar development and motility.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the protein.