

## Product datasheet for SC319200

### ZNRF1 (NM\_032268) Human Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** ZNRF1 (NM\_032268) Human Untagged Clone  
**Tag:** Tag Free  
**Symbol:** ZNRF1  
**Synonyms:** NIN283  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC (PS100020)  
**E. coli Selection:** Ampicillin (100 ug/mL)

**Fully Sequenced ORF:** >OriGene sequence for NM\_032268.3  
 CCCTGCGGCTCCCCGGCTTTTCGGAGCCCGGGGGCGGCCTGTGGCGCGGAGCCCCGCG  
 CGGACTGCGCCTCTTTGGACCTTGAGGGGAAACATGCGTTTGCCTTGATCGTTTGAAT  
 TCTGAGTTTGGGATCCCCGCCCGCCGCTTCCGCCCGCGGGTTTTTCTTT  
 TTTCTTTTGTCTTTTCTTTTCTCCCTCCGGTCTCCTTTTACTCCCTCCCCCT  
 TATGCTCGCCAGCCCTCCCCTGCTGCTGAGAAGTGGGGAGGGTCTCGGCTCCAGGT  
 TCCCGCCCCACCGGGGCCGGGCGAGCATGGGGGCAAGCAGAGCACGGCGGCCCTCC  
 CGGGGCCCTTCCCGGGGTCTCCACCGATGACAGCGCGTGCCGCCCGGGAGGGGG  
 CCCCATTTCGGGCACTACCGGACGGGCGGGGCCATGGGGCTGCGCAGCCGCTCGGT  
 AGCTCGGTGGCAGGCATGGGCATGGACCCAGCACGGCCGGGGGGTGCCTTTGGCCT  
 TACACCCCGCCTCCCGGGCACCGGCGACTCCGAGAGGGCGCCGGCGGGAGGGTCT  
 GCGTCCGACTCCACCTATGCCCATGGCAATGGTTACCAGGAGACGGCGCGGTACCAT  
 AGAGACGGGATGCTGTACCTGGGCTCCCAGCCTCGCTGGCGGATGCTCTACCTCTGCAC  
 ATCGCACCCAGGTGGTTCAGCTCGCATAGTGGTTTCAAGTGCCCCATTTGCTCCAAGTCT  
 GTGGCTTCTGACGAGATGGAAATGCACTTTATAATGTGTTTGAGCAAACCTCGCCTCTCC  
 TACAACGATGATGTGCTGACTAAAGACGCGGGTGAAGTGTGATCTGCCTGGAGGAGCTG  
 CTGCAGGGGGACACGATAGCCAGGCTGCCCTGCCTGTGCATCTATCACAAAAGCTGCATA  
 GACTCGTGGTTTGAAGTGAACAGATCTTGTCCGGAACACCCTGCGGACTGACTGCGGGC  
 TTGCTTGTGACTCCTCTCAAAGATCATGTTCTCCCTTCTCCCTGAGGACACCAAATT  
 GGATGAGAGCAAGTTTGGAGAGAAGAATGAATCAACTGCTATCCTTCCCCTCACCCCTCAG  
 CCCAGGAGGGAAAAGGCATTTTCTTTTTCATCTTTGAAAGGCATTGTGGGTCTGTCTTTA  
 AAGTGTTTACAAAAAAAATTATATAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** Please inquire  
**ACCN:** NM\_032268



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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>	<a href="#">NM_032268.3</a> , <a href="#">NP_115644.1</a>
<b>RefSeq Size:</b>	4633 bp
<b>RefSeq ORF:</b>	684 bp
<b>Locus ID:</b>	84937
<b>UniProt ID:</b>	<a href="#">Q8ND25</a>
<b>Cytogenetics:</b>	16q23.1
<b>Domains:</b>	RING
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	This gene encodes an E3 ubiquitin-protein ligase that plays a role in neural-cell differentiation. Overexpression of this gene causes neurite-like elongation. The encoded protein contains both a zinc finger and a RING finger motif and is localized in the endosome/lysosome compartment, indicating that it may be involved in ubiquitin-mediated protein modification, and in synaptic vesicle membranes in neurons. [provided by RefSeq, Feb 2012]