

Product datasheet for **SC325140**

NELF (NSMF) (NM_001130971) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NELF (NSMF) (NM_001130971) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSMF
Synonyms:	HH9; NELF
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	<p>>NCBI ORF sequence for NM_001130971, the custom clone sequence may differ by one or more nucleotides</p> <pre> ATGGGCGCCGCCCTCCAGGAGGAGGGCGCTGAGGAGCGAGGCCATGTCTCGGTGGCG GCCAAAGTGCGAGCAGCCGAGCGTTTGGAGAGTACCTGTCCCAGAGTCACCCTGAGAAC CGCAACGGCGCAGATCACCTGCTGGCTGATGCCTACTCTGGCCACGACGGGTCCCCCGAG ATGCAGCCGGCCCCCAGAACAAGCGCCGCTGTCCCTCGTCTCCAACGGCTGCTACGAG GGCAGCCTCTCAGAGGAGCCAGCATTAGGAAGCCCGAGGCGAGGGCCCTCAGCCTCGA GTGTACACCATCTCTGGGAGCCTGCCCTGCTGCCAGCCCTGAGGCGGAGGCCATTGAG CTGGCGGTGGTGAAGGGCGGCGCAGCGCACCTCACCATCACAGCCAGCCCCTGCGC GCCAGCCCTGGTGGCAGCCGGGAGGACGTGACGAGGCCCTGCCAGAGCTGGGCGGCGAGC CGCCAGGGCTCCAAGGAGTGCCCGGATGTGCCAGCTGGCTCCTGGCCCCACCCCTCGG GCCTTTGGGCTGGACAGCCACCTCTGCCTGAGACCTCCGGTCGCGCAAGAAGCTGGAG AGGATGTACACGTTGACCGTGTGTCTGACGACATCCCTATTCGTACCTGGTTCCCCAAG GAAATCTTTTTCAGCTTCCAGACAGCAACCACAATATGCAAGCGAACTTCCGCAAAACAC CTGCGCATGGTCGGCAGCCGGAGGGTGAAGGCCAGACGTTTCGCTGAGCGGCGCGAGCGG AGCTTCAGCCGGTCTTGAGCGACCCCAACCCCATGAAAGCCGACACTTCCCACGACTCC CGAGACAGCAGTGACCTGCAGAGCTCCCACTGCACGCTGGACGAGGCCTTCGAGGACCTG GACTGGGACACTGAGAAGGGCCTGGAGGCTGTGGCTGCGACACCGAAGGCTTCGTGCCA CCAAAGGTCATGCTCATTTCCTCCAAGGTGCCAAGGCTGAGTACATCCCCACTATCATC CGCCGGGATGACCCCTCCATCATCCCCATCCTCTACGACCATGAGCACGCAACCTTCGAG GACATCCTTGAGGAGATAGAGAGGAAGCTGAACGTCTACCACAAGGGAGCCAAGATCTGG AAAATGCTGATTTTCTGCCAGGGAGGTCTTGACACCTCTATCTCCTCAAGAACAAGGTG GCCACCTTTGCCAAAGTGAGAGAAGGAAGGACATGATTCACTTCTGGAAGCGGCTGAGC CGCCTGATGAGCAAAGTGAACCCAGAGCCGAACGTCATCCACATCATGGGCTGCTACATT CTGGGGAACCCCAATGGAGAGAAGCTGTCCAGAACCTCAGGACCCTCATGACTCCTTAT AGGGTCACCTTCGAGTCACCCCTGGAGCTCTAGCCCAAGGGAAGCAGATGATCGAGACG TACTTTGACTTCCGGTTGTATCGCTGTGGAAGAGCCGCCAGCACTCGAAGCTGTGAGAC TTTGACGACGTCCTG </pre>
Restriction Sites:	Please inquire
ACCN:	NM_001130971


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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_001130971.1, NP_001124443.1</u>
RefSeq Size:	3577 bp
RefSeq ORF:	1518 bp
Locus ID:	26012
UniProt ID:	<u>Q6X4W1</u>
Cytogenetics:	9q34.3
Protein Families:	Druggable Genome
Gene Summary:	<p>The protein encoded by this gene is involved in guidance of olfactory axon projections and migration of luteinizing hormone-releasing hormone neurons. Defects in this gene are a cause of idiopathic hypogonadotropic hypogonadism (IHH). Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2010]</p> <p>Transcript Variant: This variant (4) lacks two alternate in-frame exons compared to variant 1. The resulting isoform (d) has the same N- and C-termini but is shorter compared to isoform a.</p>