

Product datasheet for **SC328821**

NELF (NSMF) (NM_001178064) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NELF (NSMF) (NM_001178064) Human Untagged Clone
Tag:	Tag Free
Symbol:	NSMF
Synonyms:	HH9; NELF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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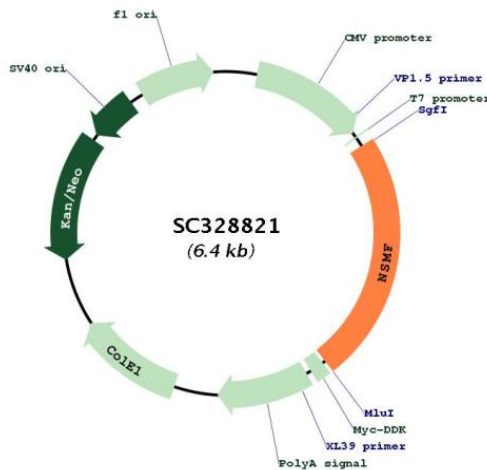
Fully Sequenced ORF: >SC328821 representing NM_001178064.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGGCGCCGCCCTCCAGGAGGAGGGCGCTGAGGAGCGAGGCCATGTCCTCGGTGGCGGCCAAAGTG
CGAGCAGCCCGAGCGTTTGGAGAGTACCTGTCCAGAGTACCCTGAGAACCGAACGGCGCAGATCAC
CTGCTGGCTGATGCCTACTCTGGCCACGACGGGTCCCCGAGATGCAGCCGGCCCCCAGAACAAGCGC
CGCTGTCCCTCGTCTCCAACGGCTGCTACGAGGGCAGCCTCTCAGAGGAGCCCAGCATTAGGAAGCCC
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TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001178064

Insert Size:	1503 bp
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:	NM_001178064.1
RefSeq Size:	3562 bp
RefSeq ORF:	1503 bp
Locus ID:	26012
UniProt ID:	Q6X4W1
Cytogenetics:	9q34.3
Protein Families:	Druggable Genome
MW:	56.6 kDa
Gene Summary:	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] Transcript Variant: This variant (5) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (e) has the same N- and C-termini but is shorter compared to isoform a.