

Product datasheet for **SC109879**

NDFIP1 (NM_030571) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NDFIP1 (NM_030571) Human Untagged Clone
Tag:	Tag Free
Symbol:	NDFIP1
Synonyms:	N4WBP5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC109879 sequence for NM_030571 edited (data generated by NextGen Sequencing) ATGGCGTTGGCGTTGGCGGCGCTGGCGGCGGTCGAGCCGGCCTGCGGCAGCCGGTACCAG CAGTTGCAGAATGAAGAAGAGTCTGGAGAACCTGAACAGGCTGCAGGTGATGCTCCTCCA CCTTACAGCAGCATTTCTGCAGAGAGCGCAGCATATTTTGAACAAGGATGAGTCTGGG TTTCCAAAGCCCCATCTTACAATGTAGCTACAACACTGCCAGTTATGATGAAGCGGAG AGGACCAAGGCTGAAGCTACTATCCCTTTGGTTCTGGGAGAGATGAGGATTTTGTGGGT CGGGATGATTTTGTATGCTGACCAGCTGAGGATAGGAAATGATGGGATTTTCATGTTA ACTTTTTTCATGGCATTCTCTTAACCTGGATTGGGTTTTCTGTCTTTTGCCTGACC ACTTCAGCTGCAGGAAGGTATGGGGCCATTTAGGATTTGGTCTCTCTAATTAATGG ATCCTGATTGTCAGGTTTTCCACCTATTTCCCTGGATATTTTGTGGTCAGTACTGGCTC TGGTGGGTGTTCTTTAGGCTTTCTCCTGTTTCTCAGAGGATTTATCAATTATGCA AAAGTTCCGAAGATGCCAGAACTTTCTCAAATCTCCCCAGGACCAGAGTTCTCTTTATT TATTAA Clone variation with respect to NM_030571.3



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_030571 unedited
 GGTCAACAATTGTAAACGACTCACTATAGGCGGCCGGAATCGGCACGAGGCGGCGGCGG
 CGGCGGTGCTTACAGCCTGAGAAGAGCGTCTCGCCCGGAGCGGCGGCGGCCATCGAGAC
 CCACCAAGGCGCGTCCCCCTCGGCCTCCACGCGCTCCCAAGCCGAGCGGCGGCGGCGG
 TTCAGCTAGCTCGCTCGCTCGCTCTGCTTCCCTGCTGCCGGCTGCGCCATGGCGTTGGCG
 TTGGCGGCGCTGGCGGCGGTGAGCCGGCTGCGGCAGCCGGTACCAGCAGTTGCAGAAT
 GAAGAAGAGTCTGGAGAACCTGAACAGGCTGCAGGTGATGCTCCTCCACCTTACAGCAGC
 ATTTCTGCAGAGAGCGCAGCATATTTTGACTACAAGGATGAGTCTGGGTTTCCAAAGCCC
 CCATCTTACAATGTAGCTACAACACTGCCAGTTATGATGAAGCGGAGAGGACCAAGGCT
 GAAGCTACTATCCCTTTGGTTCTGGGAGAGATGAGGATTTTGTGGTTCGGGATGATTTT
 GATGATGCTGACCAGCTGAGGATAGGAAATGATGGGATTTTCATGTTAACTTTTTTCATG
 GCATTCCTCTTTAACTGGATTGAGTTTTCTGTCTTTNTGCCTGACCACTTCAGCTGCA
 GGAAGGTATGGGGCCATTTCAAGATTTGGTCTCTCTATTAATGGATCCTGATTGTCA
 GGTNTCCACCTATTTCCCTGGATATTNTGATGGTCAGTACTGGCTCTGGTGGGGTGTCC
 TTGGTTTAGGCTTTCTCCTGTTTCTCAGAGGATTATCATTATGCCAAAAGTCGGAAGATG
 CCAGAANTNTCTCANATCTCCAGNACCAGAGNTCTCTNTATTATTAAGAGTNTTCTCG
 GCAAGCCCTTCT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_030571 unedited
 CGCGGCCGCAATCTAGAATCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTT
 TTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTTGGTACACAAAAAATTTATTAAGGTCTGGG
 GATTTACAGGTTTAACATAACAAACCCAAATGAATTTCCCTTGGGAAAAAGCACATTA
 TTTTACATTTTAACCCACTGGGTTTTGGTAACACATTGAAAAACAAGTATTACAATTTG
 TTAGGGATCATTTCAAAATTCCAAACCACTTTTTTTTTTGGTCCAAAAAACCCAAACCC
 CTCCTTACTCCCAAAATTTGGGCTTATCCCGGAAAAAAAGGGAAATAGGGGGGGGG
 GGGGAAAAAACCCCTATTTTAAAAAAAGGGCAAAAAATACCTTTTAAAAATAAACCTC
 ATTTGGATCCCAAGCTTTTGGTTTAAACAAGGACAACACCTTAAAAACCTTAAGGC
 CCAAAAGGGGCCCAAAATTTGGGAAAACCGGCCTTAAAAAATAAAGGTTTTTTTTTACC
 AATTA AAAAATTTTTTTGACCACACCTAAAAGGATTTTGCACCATAAATTTGCTTCC
 AAGGGTCAAACAAAAATGAAAAATTTCTAAATTAACCTGAACAACAAATATGGGTTAT
 TGGCAAAAACACAGGCCTAACAAAAGGTTAACTTTGAAAAACCCCTTTAAATGGGCC
 GCCTTTTACATATTTTACAATTTTAATTCCAAAGTCTTTTGGGAAGGAGATGAATAAA
 GGAGACTGGCCCTACCCACTAAGGGACAAGGCTATGCCCCCTTAAATGACTCCACCAT
 NTTTAGGCCTTTTAAATACCCCAAGACTTGGTTGCAAACTTTTTAACTTTACCCCTATG
 ATCAAGATCCCAATTCGCTCACTATAAAATTTTACCCAGAACATTAAGAATAGACTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_030571

Insert Size:

1870 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).

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:	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_030571.2, NP_085048.1</u>
RefSeq Size:	2533 bp
RefSeq ORF:	666 bp
Locus ID:	80762
UniProt ID:	<u>Q9BT67</u>
Cytogenetics:	5q31.3
Protein Families:	Transmembrane
Gene Summary:	The protein encoded by this gene belongs to a small group of evolutionarily conserved proteins with three transmembrane domains. It is a potential target for ubiquitination by the Nedd4 family of proteins. This protein is thought to be part of a family of integral Golgi membrane proteins. [provided by RefSeq, Jul 2008]