

Product datasheet for **SC334488**

NUBP2 (NM_001284501) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUBP2 (NM_001284501) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUBP2
Synonyms:	CFD1; CIAO6; NBP 2; NUBP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001284501, the custom clone sequence may differ by one or more nucleotides

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ATGCTCGGGGCGCAGGGCAGGGCTGTGCACCAAGTGCACCGCGGCTGGGCACCCGTCTTCTGGACCGGG
AGCAGAGCATCTCGCTCATGTCTGTGGGCTTCTGCTGGAGAAGCCGGACGAGGCCGTGGTGTGGAGAGG
CCCCAAGAAAAACCGCTGATAAAGCAGTTTGTGTCCGACGTGGCCTGGGGGAGCTGGACTACCTGGT
GTGGACACGCCCCGGGACCTCCGATGAGCACATGGCCACCATAGAAGCCCTGCGTCCCTACCAGCCCC
TGGGGGCCCTCGTGGTACCACGCCCCAGGCGGTGTCCGTGGGGACGTGAGGCGCGAGCTGACCTTCTG
TAGGAAGACGGGCTTGCGGGTGATGGGAATCGTGGAGAATATGAGCGGCTTACCTGCCACACTGCACG
GAGTGCACCAGCGTCTTCTCCAGGGCGGCGGAGAGGAGCTGGCCAGCTCGCCGGGTGCCCTTCTTAG
GCTCCGTGCCCTGGACCCTGCGCTCATGAGGACCCTGGAGGAGGCCACGACTTCATCCAGGAGTTCC
TGGGAGCCCCGCCTTCGCTGCACTCACCTCCATAGCCCAGAAGATTCTGGACGCGACGCCCGCTGCCTC
CCCTGA
```

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001284501
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).



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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: [NM_001284501.1](#), [NP_001271430.1](#)

RefSeq Size: 1598 bp

RefSeq ORF: 636 bp

Locus ID: 10101

UniProt ID: [Q9Y5Y2](#)

Cytogenetics: 16p13.3

Gene Summary: This gene encodes an adenosine triphosphate (ATP) and metal-binding protein that is required for the assembly of cytosolic iron-sulfur proteins. The encoded protein functions in a heterotetramer with nucleotide-binding protein 1 (NUBP1). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2013]
Transcript Variant: This variant (2) contains an alternate exon in the 5' region and initiates translation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (2) has a shorter N-terminal compared to isoform 1.