

## Product datasheet for **SC334584**

### NUBP2 (NM\_001284502) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NUBP2 (NM_001284502) 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_001284502, the custom clone sequence may differ by one or more nucleotides

```

ATGGCCACCATAGAAGCCCTGCGTCCCTACCAGCCCTGGGGCCCTCGTGGTCACCACGCCCCAGGCGG
TGTCCGTGGGGGACGTGAGGCGCGAGCTGACCTTCTGTAGGAAGACGGGCTTGCGGGTGATGGGAATCGT
GGAGAATATGAGCGGCTTACCTGCCACACTGCACGGGGCGGGAGAGGAGCTGGCCAGCTCGCCGG
GGTGCCCTTCTTAGGCTCCGTGCCCTGGACCTGCGCTCATGAGGACCTGGAGAGGGCCACGACTTC
ATCCAGGAGTTCCCTGGGAGCCCGCTTCGCTGCACTCACTCCATAGCCAGAAGATTCTGGACGCGA
CGCCCGGTGCCTCCCTGACTAAGGCCACCTTGACGCCGCTTTCAGGGCCACCAAGGGCTCTGCTCCA
GCCTCTCAGAAACAGAGGCCTGGGCTCGGTTCCCGGCCCTGCAGGGCCAGGCCAGGCAGCGTCAGC
CGGAGAGCTTCTCCCGACCAGCCAGCCAGCCAGGATGTGTGACACCAGCAGCTCTGCCTGGTTGGCCTGC
AGTGCCGTGGTCTGCGTCTCTGAGCTGTGAGACGGGGCGGCCCTGGGCTCTTCCCATCCATGTTGC
CTACCTGTGCCCTGGCAGCCGCGTGTCCACACAGTAG
  
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001284502
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).



[View online »](#)

**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\\_001284502.1](#), [NP\\_001271431.1](#)

**RefSeq Size:** 1186 bp

**RefSeq ORF:** 669 bp

**Locus ID:** 10101

**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 (3) contains multiple differences in the coding region, compared to variant 1. The encoded isoform (3) has a distinct C-terminus and is shorter than isoform 1.