

Product datasheet for SC319210

NUBP2 (NM_012225) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: NUBP2 (NM_012225) Human Untagged Clone
Tag: Tag Free
Symbol: NUBP2
Synonyms: CFD1; CIAO6; NBP 2; NUBP1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_012225.1
AAGGCCCTTCGCTCTAGCTGGGAGGCTGACGGCCCGGGCGTAAGCGGACTGCAGCCG
GAGCTCCTGGAGCGCGGGATGGAGGCGCGCCGAGCCTGAAACCTGGCCGGCGTCA
GGCACATCATCCTGGTCTCTCAGGAAAGGGGGCGTTGGGAAAAGCACCATCTCCACGG
AGCTGGCCCTGGCACTGCGCCATGCAGGCAAGAAGGTGGGAATCCTGGATGTGGACTGT
GTGGCCCCAGTATACCCCGCATGCTCGGGGCGCAGGGCAGGGCTGTGCACCAAGTGCAGC
GCGGCTGGGCACCCGCTTCTGGACCGGGAGCAGAGCATCTCGCTCATGTCTGTGGCT
TCCTGCTGGAGAAGCCGGACGAGGCCGTGGTGTGGAGAGGCCCAAGAAAAACGCGCTGA
TAAAGCAGTTTGTGTCGACGTGGCCTGGGGGAGCTGGACTACCTGGTGGTGGACACGC
CCCCGGGACCTCCGATGAGCACATGGCCACCATAGAAGCCCTGCGTCCCTACCAGCCCC
TGGGGCCCTCGTGGTCACCACGCCCCAGGCGGTGTCCGTGGGGACGTGAGGCGCGAGC
TGACCTTCTGTAGGAAGACGGGCTTGCGGGTGTGGGAATCGTGGAGAATATGAGCGGCT
TCACCTGCCACACTGCACGGAGTGCACCAAGCGTCTTCTCCAGGGCGGGGAGAGGAGC
TGGCCAGCTCGCCGGGGTGCCTTCTTAGGCTCCGTGCCCTGGACCCTGCGCTCATGA
GGACCCTGGAGGAGGGCCACGACTTCATCCAGGAGTTCGCCGGGAGCCCCGCCTTCGCTG
CACTCACCTCCATAGCCCAGAAGATTCTGGACGCGACGCCCGGTGCCTCCCCTGACTAA
GGCCACCTTGACGCCGCTTCCAGGGCCACCAAGGGCTCTGCTCCAGCCTCTCAGAGAAA
CAGAGGCTGGGCTCGGTTCCCGGGCCCTGCAGGGCAGGCCAGGCAGCGTCAGCGGGA
GAGCTTCTCCCCGACCCAGCCAGCCAGGATGTGTCGACACAGCAGCTCTGCCTGGTTG
GCCTGCAGTGCCGTGGTCTGCGTCTCTGAGCTGTGAGACGGGGCGGCCTGGGCTCTC
TCCCATCCATGTTGCCTACCTGTGCCCTGGCAGCCGCGTGTCCACACAGTTAGCGGAG
CGCAGGACTTCTGCAGTCTCAGGTGACCCGGGCTCCAGCACCTGGGTGCTGTCAT
CTGTGTTAGCTCGGGAGTGCCCCCTAAGGGGGCGAACTGACCTCAGGCATGCTTGTA
ACTGTAGAGGCGCCTGCCATTAACGTGTCGCTGCTGTGGCGACAGAAAAAAAAAAAAA
AAAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_012225
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_012225.1</u> , <u>NP_036357.1</u>
RefSeq Size:	1351 bp
RefSeq ORF:	816 bp
Locus ID:	10101
UniProt ID:	<u>Q9Y5Y2</u>
Cytogenetics:	16p13.3
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) encodes the longest isoform (1).</p>