

Product datasheet for **SC321763**

Nucleotide binding protein like (NUBPL) (NM_025152) Human Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Nucleotide binding protein like (NUBPL) (NM_025152) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Nucleotide binding protein like |
| Synonyms: | C14orf127; hulnd1; IND1; MC1DN21 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC (PS100020) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_025152.1
 TGCTGCTTTTTGGTGGGGTGTGCGCTCCGGGCTGGTGGCGGGGCCACTGCCCGCTTGGGG
 GAAGCCGAGCGATGGTTTGTGGGCGCCAGTTGTCTGGCGCCGGGAGTGAGACCCTAAAAC
 AAAGAAGAACACAAATCATGTCCCGAGGACTTCCAAGCAGAAACCGATAGAAGGTGTTA
 AACAAGTTATAGTTGTGGCTTCTGGAAAGGGTGGAGTCGAAAAATCTACTACAGCAGTGA
 ATCTTGCACTTGCACTAGCAGCGAACGATTCGTCCAAGGCCATTGGTTTGTAGATGTGG
 ATGTGTATGGACCTTCAGTTCCAAGATGATGAATCTGAAAGGAAATCCGGAATTATCAC
 AGAGCAACCTAATGAGGCCTCTCTTGAATTATGGTATTGCTTGTATGTCTATGGGCTTTC
 TGGTTGAAGAAAGTGAACCAGTAGTTTGGAGAGGCCTTATGGTAATGTCGGCCATTGAGA
 AATTGTTGAGGCAGGTAGATTGGGGTCAACTGGACTACTTAGTTGTAGACATGCCACCAG
 GAACTGGAGATGTGCAAGTATCAGTCTCACAGACTATTCTATAACAGGTGCTGTGATTG
 TCTCCACGCCCCAGGACATCGCATTGATGGATGCACACAAGGGTGTGAGATGTTTCGCA
 GAGTCCACGTGCCCGCTTGGCCTTGCCAAAACATGAGTGTTCAGTGTCAAAAT
 GTAACACAAAACACTCATATTTTTGGTGCTGATGGTGAAGGAACTAGCACAGACCCTTG
 GTCTTGAAGTTCTAGGAGACATTCCTTACACCTTAATATAAGGGAAGCTTCAGATACAG
 GCCAGCCAATTGTGTTTTACAGCCTGAAAGTGATGAGGCCAAAGCTTACTTGAGGATTG
 CTGTGGAAGTGGTAAGAAGATTGCCATCACCTCAGAATGATTCCCAAGTGTCTCGAA
 ATTTGCCCTGGTACTGACATTAAGAGGACCTTTGGAAATCAGCAATGTGGTGTGGAACCT
 ACAGAAATAATAGAAATCATAACTGTTTTATTTCTAAGGAAAGAAATGTCTTCATATTTGA
 CTTGCTAAGCTAAGGTTCAAAAACCTTTGATGTATCAATGTTAACTGCTATATTTAGGAA
 TTTTTTGAAGCTGGTGTGTACCACTGCAAAGAACTGCATTTTATTTTATTGAATTACC
 CCTTTAGAAATCACGAGTTTATGATGTTACAAGTCCATTTTGGGAGAGAACTGTACTCT
 TTTGCAGGACCACAGAATTAGTAATTTAAATGATATACTAAATTTGTGTATGGCATAAG
 TATTACGCCTTCCACCAGGCAATTTGGACTGTCTTTGAATCCTGTCTTTGGTACTGTCT
 TGGACATGTTCTTAATATGAACCTCTGCTTCTTATCTGGATCACACTATACCCAGACT
 TAATGAATTTTCAGTCTCCAGGAGTGGAGCCTGAACATATGTATTTTTAGTAAGACCATGA
 TGATGTTGATGATGATTCTGGTAATCATGGCAGTAAGAATAATAGCTAACATTTAACAAG
 TTAATTATAATTGTTCTTCCATTTGTGTGAGTGGTACTATTATCTCCATTTTACAGATA
 AGTAATTTGAGATATAATTTGAAGGCACTCAACCTTGAGTGTCTTGCTGAGGGTACTGT
 ATCTAGCAGGTGATGGAGCTTGATTTGAACTTGAGTAATTCGATATTAGATTCATCTTT
 TTGTACACCAATGTCTTTTGTAAATTAATAAAAAAGTCGGTGGTGGCTAGGCGTGGTGGCT
 CACGCCTGTAATCCCAGCACTTTGGGAGGTTGAGGTGGTGGATCATGAGGTCAGGAGTT
 CAAGACCAGCCTGACCAACATGGTGAACCCCGTCTCTACTAAAAATACAAAAATTAGCT
 GGGTGTGGTGGCATAATGCCTGTAATCCCAGCTACTCGGGAGGCTGAGGCAGGAGAATCAT
 TTCAACCCGGGAGGCTGAGGTTGCAGTGTGAGGATTGTACCACTGCCTCCAGCCTGG
 TCAATGGAGTGGGACTCCATCTCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_025152

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:

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_025152.1](#), [NP_079428.1](#)

RefSeq Size: 2051 bp

RefSeq ORF: 870 bp

Locus ID: 80224

UniProt ID: [Q8TB37](#)

Cytogenetics: 14q12

Gene Summary: This gene encodes a member of the Mrp/NBP35 ATP-binding proteins family. The encoded protein is required for the assembly of the respiratory chain NADH dehydrogenase (complex I), an oligomeric enzymatic complex located in the inner mitochondrial membrane. Mutations in this gene cause mitochondrial complex I deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]
Transcript Variant: This variant (1) encodes the longest isoform (1).