

Product datasheet for **SC329639**

Nucleotide binding protein like (NUBPL) (NM_001201574) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nucleotide binding protein like (NUBPL) (NM_001201574) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUBPL
Synonyms:	C14orf127; hulnd1; IND1; MC1DN21
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC329639 representing NM_001201574. Blue=Insert sequence Red=Cloning site Green=Tag(s)

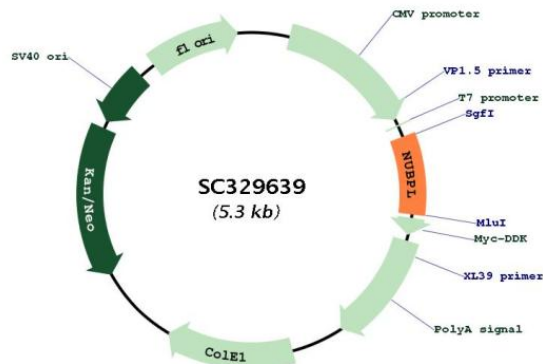
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ATGCCACCAGGAAGCTGGAGATGTGCAGTTATCAGTCTCACAGAATATTCCTATAACAGGTGCTGTGATT
GTCTCCACGCCCCAGGACATCGCATTGATGGATGCACACAAGGGTCTGAGATGTTTCGCAGAGTCCAC
GTGCCCGTCTTGGCCTTGCCAAAACATGAGTGTTCAGTGTCCAAAATGTAACACAAAACACTCAT
ATTTTTGGTGCTGATGGTGAAGGAACTAGCACAGACCCTTGGTCTTGAAGTCTAGGAGACATTCCC
TTACACCTTAATATAAGGGAAGCTTCAGATACAGGCCAGCCAATTGTGTTTTACAGCCTGAAAGTGA
GAGGCCAAAGCTTACTTGAGGATTGCTGTGGAAGTGGTAAGAAGATTGCCATCACCTTCAGAATGA

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Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001201574



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Insert Size:	411 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:	<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_001201574.1</u>
RefSeq Size:	2739 bp
RefSeq ORF:	411 bp
Locus ID:	80224
Cytogenetics:	14q12
MW:	14.7 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) lacks several exons from the 5' end and has an alternate 5' exon, as compared to variant 1. The resulting isoform (3) has a much shorter N-terminus, as compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>