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Product datasheet for SC305194

GP210 (NUP210) (NM_024923) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GP210 (NUP210) (NM_024923) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUP210
Synonyms:	GP210; POM210
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

>SC305194 representing NM_024923.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGGCGCGGGGCCGGGGGCTGCTGCTGCTGACGCTGTCGGTGCTGTTGGCGGCGGGCCCCTCCGCC
GCTGCGGCCAAGCTCAACATCCCCAAAGTGCTGCTGCCCTTCACGCGGGCCACGCGCGTTAACTTCACG
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AGTGACATCGGGTTCAGTGTGATCCAGGCACATGATGTGCAGAACCCACTCCATTTCGGTGAGATGAAG
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CACTAG
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
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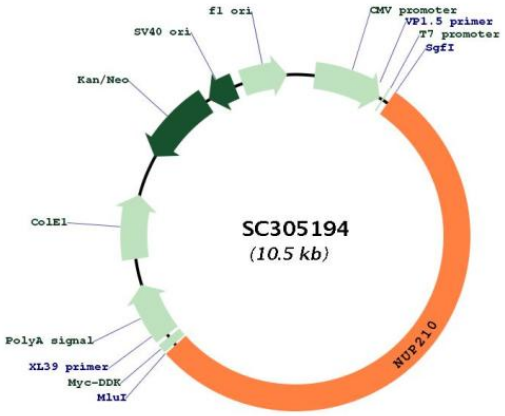
Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_024923

Insert Size: 5664 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).

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_024923.3
RefSeq Size:	7218 bp
RefSeq ORF:	5664 bp
Locus ID:	23225
UniProt ID:	Q8TEM1
Cytogenetics:	3p25.1
Protein Families:	Transmembrane
MW:	205.1 kDa
Gene Summary:	The nuclear pore complex is a massive structure that extends across the nuclear envelope, forming a gateway that regulates the flow of macromolecules between the nucleus and the cytoplasm. Nucleoporins are the main components of the nuclear pore complex in eukaryotic cells. The protein encoded by this gene is a membrane-spanning glycoprotein that is a major component of the nuclear pore complex. Multiple pseudogenes related to this gene are located on chromosome 3. [provided by RefSeq, Jul 2013]