

Product datasheet for SC103292

NUP205 (NM_015135) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUP205 (NM_015135) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUP205
Synonyms:	C7orf14; NPHS13
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015135, the custom clone sequence may differ by one or more nucleotides

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ATGGCGACGCCTTTGGCGGTAATTCGGCTGCTAGTCTATGGGGTCCTTACAAAGACATTTGGCATAAAG
TGGGAAATGCTCTTTGGAGAAGACAACCTGAAGCTGTTACCTTCTTGATAAGATTTGAAGAAACACAA
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TGGTAGTAGTCATGTTGAAAATATTCAGGGAGCAGGTGGCAGTCCTGTTTCCTGGGAACATTTCTTTTAC
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AGATACCAAGCTCCAGTGGTCCATACTGGCGCTGCCTGGTTAGGCATTATCATCTACCTGCTGAAA
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GATTATATTCAAAGTTCGATCTCGATATAGTTTCATACAGGCTCTTGTGAGACGTATCCGTGGCCTCTT
GAGGATATCAAGGAAGTGA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_015135 unedited
CGGCCGGAATTCGGCACGAGGCTAAGATGGCGACGCTTTGGCGGTAAATTCGGCTGCT
AGTCTATGGGGTCTTACAAAGACATTTGGCATAAAGTGGGAAATGCTCTTTGGAGAAGA
CAACCTGAAGCTGTTACCTTCTTGATAAGATTTGAAGAAACACAACTGACTTCATC
TCATTGTTCAAAAATCCGCCAAAAATGTTCAACAGCATGAGAAGGTTGAGAAAGCCAGT
ACAGAGGGAGTCGCCATTCAAGGTCAACAGGGAAGTCACTTCTTCTGAACAGCTCATT
AAAGAAGCCTTTATTCTCAGTGACCTTTTGTATTTGGAGAATTGGCAGCTGTTGAGCTT
CTTCTTGCTGGAGAGCATCAACAGCCACATTTTCTGGCCTTACCAGAGGATTAGTAGCT
GTTCTTCTGTACTGGGATGGAAAGCGATGCATTGCGAATTCCTTGAAAGCCTTGATACAG
TCTAGACGGGGAAGACATGGACCTAGAACTCAGTCCAGAGCTGGCTTCCATGACAACA
CGCTTTACAGATGAGCTGATGGAGCAAGGATTGACTTATAAAGTCTTACGCTGGTGTCA
CAGATTGATGTGAATAATGAGTTTGAGAACTACAGCGAGAGAGAGGTTTGGGCAGTGAA
AAACATCGCAAAGAGGTTTCTGATCTCATTAAAGGAGTGCAGGCAGTCTCTTGAGAAAGC
CTTTTGCCTGGGCTTGGCAGTCACCTTATGGGCAAAAGACACTCTCCTCCTATTGGAC
ATTTGNAAGAATGACAGTTGAGGCTAATGGCTCACTGGATGAGTGAATCTGGCTCTTC
TTATGGCGCTTCTATACTGTTTTGATATCAGTTTAT

Restriction Sites:

NotI-NotI

ACCN:

NM_015135

Insert Size:

6000 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:

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_015135.1, NP_055950.1

RefSeq Size: 6237 bp

RefSeq ORF: 6039 bp

Locus ID: 23165

UniProt ID: Q92621

Cytogenetics: 7q33

Gene Summary: This gene encodes a nucleoporin, which is a subunit of the nuclear pore complex that functions in active transport of proteins, RNAs and ribonucleoprotein particles between the nucleus and cytoplasm. Mutations in this gene are associated with steroid-resistant nephrotic syndrome. [provided by RefSeq, Jul 2016]