

Product datasheet for **RG205012**

NIPSNAP3B (NM_018376) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	NIPSNAP3B
Synonyms:	FP944; NIPSNAP3; SNAP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >RG205012 representing NM_018376
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGCTCGTTCTCAGAAGCGGCCTGACCAAGGCGCTTGCTCACGGACGCTCGCGCCTCAGGTGTGTTTCAT
CTTTTGCTACGGGCCCTAGACAATACGATGGAACGTTCTATGAATTCGTAATTATTACCTTAAACCTTC
AAATATGAATGCGTTCATGGAAATCTTAAGAAAACATTCATCTCGGACCTCTTACTCTGAATTGGTT
GGATTCTGGAGTGTAATTTGGAGGCAGAACGAATAAAGTGTTTCATATTTGGAAGTATGATAATTTTG
CTCATCGAGCTGAAGTTCGAAAGCCTTAGCCAACTGAAGGAATGGCAAGAACAATCTATCATTCCAAA
TTTGGCTCGCATTGATAAACAAGAGACGGAATTAATTACCTGATACCATGGTCCAAATTAGAAAAGCCT
CCAAAAGAAGGAGTCTATGAACTAGCTGTTTTTCAGATGAAACCTGGTGGGCCAGCTCTGTGGGGTGATG
CATTTGAAAGAGCAATTAATGCCCATGTCAATTTAGGCTACACAAAAGTAGTTGGTGTTCACACAGA
ATATGGAGAACTCAACAGAGTTCATGTTCTTTGGTGGAATGAGAGTGCAGATAGTCGTGCAGCTGGGAGA
CATAAGTCCCATGAGGATCCCAGAGTTGTGGCGCTGTTTCGGGAAAGTGCAACTACCTAGTTTCTCAGC
AGAATATGCTTCTGATTCCTGCATCATTTTCACCATTTGAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



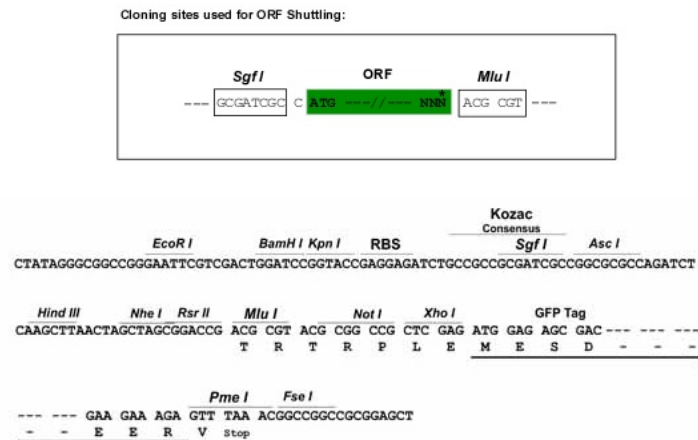
Protein Sequence: >RG205012 representing NM_018376
Red=Cloning site Green=Tags(s)

MLVLRSGLTALASRTLAPQVCSSFATGPRQYDGTIFYEFRTYYLKPSNMNAFMENLKKNHLRTSYSELV
GFWSVEFGGRTNKVFIWKYDNFAHRAEVRKALANCKEQEQSIIPNLARIDKQETEITYLIPWSKLEKP
PKEGVYELAVFQMKPGGPALWGDAFERAINAHVNLGYTKVVGVFHTEYGELNRVHVLWWNESADSRAGR
HKSHEDPRVVAARRESVNYLVSQQNMLLIPASF SPLK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_018376

ORF Size: 741 bp

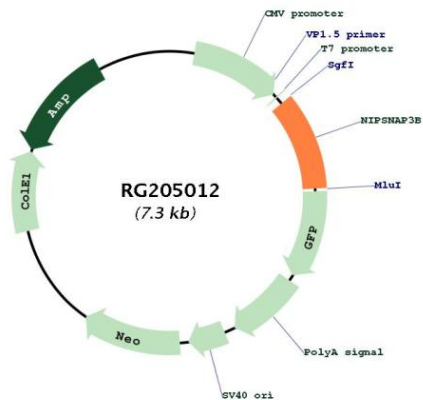
OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_018376.4</u>
RefSeq Size:	1781 bp
RefSeq ORF:	744 bp
Locus ID:	55335
UniProt ID:	<u>Q9BS92</u>
Cytogenetics:	9q31.1
Gene Summary:	NIPSNAP3B belongs to a family of proteins with putative roles in vesicular trafficking (Buechler et al., 2004 [PubMed 15177564]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RG205012