

Product datasheet for **MC206774**

Ints7 (BC054120) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints7 (BC054120) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ints7
Synonyms:	5930412E23Rik; int7
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC054120

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CGCGGCGGGGAGAAGATGGCGGTGCTGGGGTAGAGTTTGCAATCTTTGTGACTGGGCGAGTCGGGTAACG
TTCGGGTCATGGCGTCAAACCTCAACCAAGTCTTCTGCGCGATGCCGGCTATGGCGAACAGGAGCTGGA
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TCTACTTCTGGCTGAACAGTCTGAAGGAGTTCTCCCATGCGGAGCAGTGTCTGACTGGGCTGCAGGAGGA

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TAGCTTCAGCTCAGCACTTTCCTGCATTGCTGAGTCTTTGAAGTTCTACCACAAAGGGATCGCCTCCCTA
 ACGGCCGCCAGCACACCGCTGAATCCTTTGAGCTTTAGTGTGAGTTTGTAAAGTCCGGATCGATCTCC
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 TCCCCGCTCTGGTTTCTACTAGATGACGTATTACTCTACACCTGATGTCTAGACAGCTATCTCGAGACG
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 TTTGGACCACGGTTAATATGATGAGCTGAGCCTGCCGATACCCCTGTGGTCAATTGGTGTGGGTGCAGT
 GGGCTGCTAAGGGCATGAGCCCTGGATTCCCTGTGTAATAAATCTCCTAATTTCTTAAAAA AAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

BC054120

Insert Size:

2901 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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC054120</u> , <u>AAH54120</u>
RefSeq Size:	4206 bp
RefSeq ORF:	2901 bp
Locus ID:	77065
Cytogenetics:	1 H6
Gene Summary:	Component of the Integrator (INT) complex, a complex involved in the small nuclear RNAs (snRNA) U1 and U2 transcription and in their 3'-box-dependent processing. The Integrator complex is associated with the C-terminal domain (CTD) of RNA polymerase II largest subunit (POLR2A) and is recruited to the U1 and U2 snRNAs genes. Plays a role in DNA damage response (DDR) signaling during the S phase. May be not involved in the recruitment of cytoplasmic dynein to the nuclear envelope by different components of the INT complex. [UniProtKB/Swiss-Prot Function]