

Product datasheet for **MC205857**

Ints13 (NM_138757) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ints13 (NM_138757) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ints13
Synonyms:	4933424B01Rik; Asun; Spata30
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC026851
 CCGGACTGAAGCGGAGAGGGGAGGTTGGGTGGGTAGGCTCTGCCTGTCCAGAGCCGAGGCTGGCTTGTC
 CCGGCCGTGGCTTAGTACTTTGTGGGGGATCTCTCGGTCGTCTGACCGTTCTTCCCTACGGTTGATT
 GGAACAAACGTTAAAGGCTTTTTTTTTTTTTTCCCTCACTTGCTCCGCCCTCTCCGGTTCGGCCT
 CTGGTGGCTTCTAAGAAGGAAGATGGCGGGGCTGTGCGAGAGCGCCGTGCGCACGCGGAGTCCGAGTG
 CGCTCTTGTGCTTGACGCGCATGCGCGCGCCCTGCGTTTAAGCAGCCGGAGTGTGGAGATGAGCCG
 GGCAGTCAGTCTTCTGCGGTTGTACCAGACCGACTGTGCGCCGACTCCCCACCCACCCTCGTCCGCCTT
 CTCTCTCAGCCTCCGTTTCGTTCACTGCAGGACGAGCACGAAAGTTAAACAAAAATGAAGATTTTTTCT
 GAATCTCATAAACAGTGTGTTGTGTGGATCACTGCCCATACATGGCAGAGTCCTGTAGGCAGCATGTGG
 AGTTTGATATGCTGGTGAAGAACAGGACCAAGGCATCATCCCTTGGCTCCCATCTCCAAATCCTTGTC
 GACTTGCTCAGTAGAATCTTCCATGGAATATTGTAGAATAATGTATGACATATTTCTTTCAAAAAGCTG
 GTGAATTTCAATTGTAGTGATTGCGGAGCACATGTTTTAAATCTTGGACTCAAGAAGACCAAACTTAC
 AGGAGCTAATGGCAGCACTAGCTACAGTGGGCTCTTAACCCTCGGCAGATCCAGAGTGTGCAGCAT
 CCTGCATGGTCTTGTGTCAGCAGTGAAACCCCTTGAAGATTACCGAATACCAGCATGAGGCTCGCACT
 TTAATCATGGAGAATGCAGAACGAGTTGGGAATAGAGGACGGATAATCTGCATCACAATGCAAAAAGTG
 ATAGTCATGTCCGAATGCTCGAAGATTGTGTCCAGGAAACAATCATGAGCATAAACAGCTTGCTGCAAA
 TTCAGATCATCTCATGCAGATTCAAAAATGTGAGTTGGTCTTGATTACACCTACCCAGTTGGTGAAGAT
 AGCCTTGCTGTGACCGTCTAAAAAGAATTGTCCCGAGTTTGACCACTGAAGTCCACAGTGTCCGAG
 CTGGGCGGCATCTTGCTACCAAGTTGAATGTTCTAGTACAGCAACATTTTGACTTGGCTTCAACGACCAT
 CACAAACATTCCTATGAAGGAAGAGCAGCATGCCAACACATCTGCCAATATGACGTGGAGCTACTTCAT
 CACAAAGATGCACATGTAGATTTCTGAGAAGTGGTGACAGCCACTCTGGGGGCAGCAGCAGAGAAGGGC
 CATTTAAAGAGACAGTAACCTGAAGTGGTGACACCCAGGACCAACAGCATTGAATTGCACTATTGCAC
 TGGAGCTTACCGGATTTACCTGTGGATGTAATAGTAGACCTTCTTCTGCCTTACTAATTTCTCCTC
 AATGGTCGGTCTGTGTTGCTGGAGCAGCCACGAAAGTCAGGCTCCAAAGTCATCAGTCACATGCTTAGCA
 GCCATGGAGGAGAGATCTTTCTGCATGTCTTAGCAGTTCTCGATCCATTCTAGAAGATCCGCCTCAAT
 TAGTGAGGCTGTGGAGGAAGAGTTACAGACTACCGGATTACAGATTTTGGTGAATTTATGAGGAAAAAC
 AGGTAACTCCTTTCTAGACCCAGATATAAAATCGATGCAAGTCTAGAGATCCCGTTGGAGCGTGCAA
 AGGATCAGTTAGAAAAGCACACCCGTTACTGGCCCATGATTATTTACAAAACCACCATTTTCAACATGCA
 AGCGGTAGTTCCATTAGCTGGTGTCTATTGTGAAAGAGTCTTTGACAGAAGAGGATGTGTTAACTGTCAG
 AAGACCATATACAACTTAGTTGATATGAAAGGAAGAATGACCTCTTCTGTTTCTACAGTCGGTACCA
 GAGGAAAGGGACCTAAAAGAGATGAACAGTACCGGATCATGTGGAATGAAGTAGAGACTCTTGTCAGAGC
 CCATATCAGCAACTCTGAGAAGCATCAGAGAGTATTGGAGTGTCTAATGGCATGTAGGAGCAAAACCCCA
 GAAGAAGAAGAGCGGAAGAAGCGAGGGAGGAAGAGGGAGGACAGGGAAGCAAGTCGGAACAAGCAGGGA
 AGGAGCACGGCACGGAAGGCCCGCCGGATGCAGACAGATTGAAAGGGATTTTGAACGAGGGAAAGA
 AGAGTTGGCTGAAGCAGAGGTCTAAAGGACTCACCTGATTCTCCAGAACCTCCAAACAAAAAGCCCTT
 GTTGAAACGGATGAGACACACACATGGAAGGTCTAAAGGGCCAGTGTCTTATTATCCTTGTGGAGTA
 ACAGAATAAACTGCCAATCCAGAAAGCACCAGGAGTTTGTGGGCGTTTGAATCTGTCAATAACAG
 AGCAGAGCTGTATCAACACCTTAAGGAGGAAAAATGGTGAGGAGTTGGACTGACTGGAGGACCCGAACT
 GCAATCCCTTTCTTAAAGTGCCACGTTCTCCTGTTGTGAATAGGATGGAGACAACAGAAAATGGGAAAG
 CCAGCCGCCAGTGAAGAGTGACTTGAGAAACCAATTTAGAATATTGTGAAAAATTTTTGGGCAGAATT
 TGATATAAGTACTTTTACAGCAAGATTGTATAGCTATGTTGCCTGGACTGGTTTTTACATTTTTAGAGAA
 TTTCAATGAATTATCTTTTTGTACTAATTCTGAGATTGGCAGAGTCAAAATATATACATTGGAGATTTG
 CCCTCCCAGACCACAGTTTATTTTATGGTAAAGGTGTTCCCTCTGGAAATGTTTTTTAAAACTCT
 TAGGCTTCTCTTTGCCAAATAAACTATTAAATGTTTGAATGCCAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_138757
Insert Size: 2199 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>BC026851, AAH26851</u>
RefSeq Size:	3023 bp
RefSeq ORF:	2199 bp
Locus ID:	71177
UniProt ID:	<u>Q8QZV7</u>
Cytogenetics:	6 G3
Gene Summary:	Crucial regulator of the mitotic cell cycle and development. At prophase, required for dynein anchoring to the nuclear envelope important for proper centrosome-nucleus coupling. At G2/M phase, may be required for proper spindle formation and execution of cytokinesis. Probable 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. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (2) has the same N- and C-termini but is shorter compared to isoform 1.