

Product datasheet for SC318460

INTS3 (NM_023015) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	INTS3 (NM_023015) Human Untagged Clone
Tag:	Tag Free
Symbol:	INTS3
Synonyms:	C1orf60; C1orf193; INT3; SOSS-A; SOSSA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC318460 representing NM_023015. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCTGCTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGGAGTTGCAGAAGGGAAGGGCGGCAGCAGCAGCAGCTGCTTCGGGAGCAGCGGGAGGTGGAGGA
 GGAGGAGCGGGAGCAGGAGCCCCAGGAGGGGGAGGCTGCTACTTTCAACCAGTTTGGATGCCAAGGAT
 GAGTTAGAGGAGAGATTGGAAAGGTGTATGAGCATTGTGACATCGATGACTGCTGGTGTCTCGGAGAGA
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 CTGTTTACTCTCATCCTCACTGAACCTGCCCAAGCCAGAAGTGTACCGGACTTAGCTCTGGTGAGT
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AAAATTGAGGAGCCAGTTTCCATGGAGATGGACAACCATATGTCGGATAAGGATGAGAGTTGCTATGAC
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GCAGTGGGCTCTGACAGTGACTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

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Restriction Sites:	Sgfl-MluI
ACCN:	NM_023015
Insert Size:	3129 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_023015.4](#)

RefSeq Size: 5249 bp

RefSeq ORF: 3129 bp

Locus ID: 65123

UniProt ID: [Q68E01](#)

Cytogenetics: 1q21.3

MW: 118 kDa

Gene Summary: The protein encoded by this gene can form a complex with human single-strand DNA binding proteins 1 or 2 (hSSB1 and hSSB2) and other proteins to mediate genome stability and the DNA damage response. The encoded protein is also part of a multiprotein complex that interacts with the C-terminal domain of RNA polymerase II large subunit to help regulate processing of U1 and U2 small nuclear RNAs. [provided by RefSeq, May 2016]
Transcript Variant: This variant (1) encodes the longer transcript. Variants 1 and 2 both encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.