

Product datasheet for **MC228583**

Itsn2 (NM_001198969) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Itsn2 (NM_001198969) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Itsn2
Synonyms:	AI327390; Ese2; mKIAA1256; Sh3d1B; Sh3p18
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC228583 representing NM_001198969
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGCTCAGTTTCCACAGCGATGAATGGAGGGCCAAATATGTGGGCTATTACATCTGAAGAACGTA
 CTAAGCATGATAAACAGTTTGATAACCTCAAACCTTCAGGAGTTACATAACAGGTGATCAAGCCGTAC
 TTTTTCTACAGTCAGGTCTGCCGGCCCCGGTTTTAGCTGAAATATGGGCTTATCAGATCTGAACAAG
 GATGGGAAGATGGACCAGCAAGAGTTCTCTATAGCTATGAAACTCATCAAGTTAAAGTTGCAGGGCCAAC
 AGCTGCCTGTAGTCCCTCCTATCATGAAACAACCCCTATGTTCTCTCCACTAATCTCTGCTCGTTT
 TGGGATGGGAAGCATGCCAATCTGTCCATTATCAGCCATTGCCTCCAGTTGCACCTATAGCAACCCC
 TTGCTTCTGCTACTTCAGGGACCAGTATTCCTCCCTAATGATGCCTGCTCCCTAGTGCCTTCTGTTA
 GTACATCCTCATTACCAATGGAAGTCCAGTCTCATTACGCCTTATCCATTCTTATTCTTCTCAAC
 ATTGCCCTCATGCATCATTTACAGCCTGATGATGGGAGGATTTGGTGGTGTAGTATCCAGAAGGCCAG
 TCTCTGATTGATTTAGGATCTAGTAGCTCAACTCCTCAACTGCTTCCCTCAGGGAACCTCACCTAAGA
 CAGGGACCTCAGAGTGGGCGATTCCTCAGCCTTCAAGATTAAGTATCGGCAAAAATTAATAGTCTAGA
 CAAAGGCATGAGCGGATACCTCTCAGGTTTTCAAGCTAGAAAATGCCCTTCTTCAGTCAAATCTCTCAA
 ACTCAGCTAGCTACTATTTGGACTCTGGCTGACATCGATGGTGACGGACAGTTGAAAGCTGAAGAATTTA
 TTCTGGCGATGCACCTCACTGACATGGCCAAAGCTGGACAGCCACTACCACTGACGTTGCCTCCCGAGCT
 TGTCCTCCATCTTTAGAGGGGAAAGCAAGTTGATTCTGTTAATGGAAGTCTGCCTTCATATCAGAAA
 GAGGAAACATGGAGCTGGAGAAGCGACGCCAAGTGTGATGGAGCAGCAGCAGAGGGAGGCTGAACGCAA
 AGCCCAGAAAGAGAAGGAAGAGTGGGAGCGGAAACAGAGAGAAGTCAAGAGCAAGAATGGAAGAAGCAG
 CTGGAGTTGGAGAACGCTTGGAGAAACAGAGAGAGCTGGAGAGACAGCGGGAGGAAGAGAGGAGAAGG
 AGATAGAAAGACGAGAGGCGAGCAAAAACAGGAGCTTGGAGACAACGCCGTTTAGAATGGGAAAGACTCCG
 TCGGCAGGAGCTGCTCAGTCAGAAGACCAGGGAACAAGAAGACATTGTCAGGCTGAGCTCCAGAAAAGAA
 AGTCTCCACCTGGAAGTGAAGCAGTGAATGGAAAACATCAGCAGATCTCAGGCAGACTACAAGATGTCC
 AAATCAGAAAGCAAAACAAAAGACTGAGCTAGAAGTTTTGGATAAACAGTGTGACCTGGAATTTATGGA
 AATCAAACAACCTCAACAAGAGCTTAAGGAATATCAAAAATAGCTTATCTATCTGGTCCCTGAGAAGCAG
 CTATTAACGAAAGAATTAACAATGCAGCTCAGTAACACACCTGATTCAGGGATCAGTTTACTTCATA
 AAAAGTCATCAGAAAAGGAAGTATGCCAAAGACTTAAAGAACAATTAGATGCTCTTGA AAAAGAAAC
 TGCATCTAAGCTCTCAGAAATGGATTCATTTAAACAATCAGCTGAAGTGTGGGAGTATGGATGACTGTGC
 CTTCAGTGCCTTTTGTCTGCTGAGCTGTCTCAACAACCTTCTCTTACTTAAGGTTATTTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001198969

Insert Size: 1959 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: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:	<ol style="list-style-type: none">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:	<u>NM_001198969.2, NP_001185898.1</u>
RefSeq Size:	2350 bp
RefSeq ORF:	1959 bp
Locus ID:	20403
Cytogenetics:	12 A1.1