

Product datasheet for **SC215056**

Intersectin 1 (ITSN1) (NM_001001132) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Intersectin 1 (ITSN1) (NM_001001132) Human 3' UTR Clone
Symbol:	Intersectin 1
Synonyms:	ITSN; SH3D1A; SH3P17
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001001132
Insert Size:	1540 bp



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Insert Sequence:	>SC215056 3'UTR clone of NM_001001132 The sequence shown below is from the reference sequence of NM_001001132. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC ACCACAGACATGGACCCAAGCCAGCAATGAATCATATGTTGTCCATCCCCCCTCAGGCTTGAAAGTCC TCAAAGAGACCCACTATCCCATATCACTGCCAGAGGGATGATGGGAGATGCAGCCTTGATCATGTGAC TTCCAGCATGATCACCTACTGCCTTCTGAGTAGAAGAACTCACTGCAGAGCAGTTTACCTCATTTTACC TTAGTTGCATGTGATCGCAATGTTTGTGTTTACTTGCAGAGATAGGAGCAAAAATTACAAAAACACA CAGGGTAGTGGGCTCTTTGTGGCTTTCCTAGTTACTCAAATTGACTTTCCTCCACCTTTGCACAGGTG CTTTCAATAGTTTTAAATTAATTTTAAATATATTTTAGCTTTTTAATAAAACAAAATAAATAATGA CTTCTTTGCTATTTTGGTTTTGCAAAAAGACCCACTATCAAGGAATGCTGCATGTGCTATTAATAATG TTCCAAATGTCCATAAATCTGAGACTTGATGTATTTTTTCATTTTGTCCAGTGTTACCAACTAAATTGT GCAGTTTGGGGCTTTTCCCTTACCATAGAAGTGCAGAGGAGTTCAGTATCTCTGTTTTAAAGACGTA TAGAATGAGCCCAATTAAGCGAAGGTGTTTGTGCTTGTGTGTATCAGCTGTACCTTGTGAGCA TGTAATACATCCTGTACATAAGAAATTAGTTCTTTCCATGGCAAAGCTATTACCTGTACGATGCTCTA ATCATATTGCATTTAATTTTATTTTGCACAGTGACCTTGTAGCCACATGAGAAAGCACTCTGTGTTTT GTTCCGCTCAGATTTATCTGGTTGAGTTGGTGTGTTTGGGGTTTTAATTTTGCCTGTTTGCATA GCATAAAATCAGTAGACAACACCACTGAGGTCGTTACGATCAACGATATCCACAGTCTCTTTTAGTCT CTGTTACATGAAGTTTTATTCCAGTTACTTTTCATGGAATGACCTATTTTGAACAAGTAATTTCTTGA CAAGAAAGAATGTATAGAAGTCTCCCTGCAATTAATTTCCAATGTTTACATTTTTAACTAGACTGTGG AATTTCTACAGATTAATATGAAATGGAGCTCATGGTCCGTTTGTGTGTTAGATATGCTGTAGCTGAAGC CCTGTTTGTCTTTAAACACTAGTTGGAAGCTCTCAATAAAAAATGCCTGCTGCTCACAGCACAGAAAAT GGGGCAGGGGAGCCTCAAGCACAATCTAGCTGTCTCTAAAGACTCTGTAATGCTCACTCCCCTCGC GTTCTCCCGGCTGTGCGGAGGCTGTGCTGGTGGTGTGAGAGGCTCTCTCTTTCACATGGTGCA GAGAGCGAGGACCTCTCTCTCGTTCAGTTGCACTTCAGTATTTTACGGATATGAATGTAAAATATA TAAATATATAACCTGCGGCTTTAACTGTAATACAACCTTTTGAATTAGTCCGTGTATAGATAAT TAAATTCTTCATACAAAAGTTA ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTTGATTCCACGCCGCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	<u>NM_001001132.2</u>

Summary:	The protein encoded by this gene is a cytoplasmic membrane-associated protein that indirectly coordinates endocytic membrane traffic with the actin assembly machinery. In addition, the encoded protein may regulate the formation of clathrin-coated vesicles and could be involved in synaptic vesicle recycling. This protein has been shown to interact with dynamin, CDC42, SNAP23, SNAP25, SPIN90, EPS15, EPN1, EPN2, and STN2. Multiple transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them have been characterized so far. [provided by RefSeq, Jul 2008]
Locus ID:	6453
MW:	57.5