

## Product datasheet for **SC212844**

### EXT2 (NM\_207122) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	EXT2 (NM_207122) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EXT2
Synonyms:	SOTV; SSMS
ACCN:	NM_207122
Insert Size:	2000 bp



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**Insert Sequence:** >SC212844 3'UTR clone of NM\_207122  
 The sequence shown below is from the reference sequence of NM\_207122. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AAGAGCTTCCCCAACATTGGCAGCTTATGAACGTGTCATTGGTGGAGGTCTGAATGTGAGGCTGGGAC
AGAGGGAGAGAACAAGGCCTCCCAGCACTCTGATGTCAGAGTAGTAGGTTAAGGGTGAAGGTTGACCT
ACTTGGATCTTGGCATGCACCCACCTAACCCACTTTCTCAAGAACAAGAACCCTAGAATGAATATCCAAG
CACCTCGAGCTATGCAACCTCTGTTCTTGTATTCTTATGATCTCTGATGGGTTCTTCTCGAAAATGCC
AAGTGAAGACTTTGTGGCATGCTCCAGATTTAAATCCAGCTGAGGCTCCCTTTGTTTTTCAGTCCATG
TAACAATCTGGAAGGAACTTACGGACAGGAAGACTGCTGGAGAAGAGAAGCGTGTAGCCCATTTGA
GGTCTGGGAATCATGTAAGGGTACCCAGACCTCACTTTTAGTTATTTACATCAATGAGTCTTTTCAG
GGAACCAACCCAGAATTCGGTCAAAAAGCCAAACATCTTGGTGGGATTTGATAAATGCCTTGGGACCT
GGAGTGTGGGCTTGTGCACAGGAAGAGACCCAGCCGCTGAGTCAGGATCCTGTCAAGTCCATGAGCTA
TTCTCTTTGGTTTGGCTTTTTGATATGATTAATAATTATTTTTTATTCTTTTTCTACTGTGCTTAAA
CACCAATTCCTGATAGTCCAAGGAACACCTTTCTCCCTTGATATATTTAACTCCGTCTTTGGCCTGAC
AACAGTCTTGTCCCATGTCTGGGAACACACGCCAGGAGGAATGTCTGATACCCTCTGCATCAAGCGTA
AGAAGGTCCCAATCATAACCATTTTAAGAACAGATGACTCAGAAACCTCCAGAGGAATCTGTTTGTCT
CCTGATTAGATCCAGTCAATGTTTTAAAGGTATTGTCAGAGAAAAACAGAGGGTCTGACTAGCCATGC
AAGGAGTCGCTTAGCTGGTACCCGTAAGGTTGTGGGAATTGTGACCCCATCCCAAGGGGATGCCAA
AATTTCTCTCATTCTTTTGGTATAAACTTAACATTAGCCAGGAGGTTCTGGCTAACGTTAAATGCTGC
TATACAACTGCTTTGCAACAGTTGCTGGTATATTTAAATCATTAAATTTTCAGATTTACTAATACTGCA
CATGTGTGAATTATACCTCTTTAAGCCAGTTGATGAACAAATCTACCCTGGCGAATGTTAAATGTTAT
GGATTCGAAAACAGATTTATCTGGCTCTGATATTAAGATTAGCCACAGTTTGGGCTTTAGCCACAACATA
TGTCCCCAAAACACAAAATACATAACAATTTGCTTAGAATATGGATATAATTACAGAAACCTAGTTGTT
TTGCCAGTCAGCGTCAGTCATACACCATCCATTGTTCTGTTGAGTGACATGAAGGTGGGCAGTTATTAT
GCTGTAGTTTCATCAAGAGTCACCTCAGATGTGTTCCCCAGACTTTGAGAGGTCAAAGAAAGTTTCAGA
AGTAGCAAAGTTGGAAGTGGAAATCATAAGAGTTTTGTCTTTTCATTTGAATAAGTGATCGAATCAT
GGACTATTATTGCCAAAGGGGCAAGCGATCATCTCATCCAGTTTGTTCATTTTGCAAATGCAGAACT
GAAGCTGCAGATGTTCAATTTGCAAATGCAGAACTGAAGTGATTTTTTTTCAGTTTCTGACAGCAGCAA
ACACAGGTGCTTACCAAATACTTTTGATTTGGGTAATGTGTACTGGTCAGTAGGAGACATGGGAAAGCA
TTTTGGTCTCATGTATTCATAATATTGGGGACGATATGGTAGAAAAGCCAGGAAAAATATTCTGTTGTC
ACCCAGGTACCAGAGGCTGACAAGCACAGTGAGGACCTCTAATCTTTCTAGGGGTTTTCTAGTTTGT
TCCAAGATGTGGGGCAGGTATAGGGGAGGGTCTTACATTGAAATCTCTGCTGAAAGCTATGGACTGTG
ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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**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:** [NM\\_207122.2](#)

**Summary:** This gene encodes one of two glycosyltransferases involved in the chain elongation step of heparan sulfate biosynthesis. Mutations in this gene cause the type II form of multiple exostoses. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene. [provided by RefSeq, Jul 2008]

**Locus ID:** 2132

**MW:** 75.1