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Product datasheet for SC202213

EWSR1 (NM_001163287) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	EWSR1 (NM_001163287) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	EWSR1
Synonyms:	bK984G1.4; EWS; EWS-FLI1
ACCN:	NM_001163287
Insert Size:	189 bp
Insert Sequence:	>SC202213 3' UTR clone of NM_001163287 The sequence shown below is from the reference sequence of NM_001163287. The complete sequence of this clone may contain minor differences, such as SNPs. Red=Cloning site Blue=Stop Codon CAATTGGCAGAGCTCAGAATTCAAGCGATCGC GGCAGCATAATGAAAAGTGGGACTAGACACGGTGTCCATATGGAGAGGAAAAATATACATAGAATATTTT TAACAAAATGTATTCATTGTATAAATGGAATCCTTCTGTAACTTTGGTAACTGCATACTTGTTGTTTGGT AATGAACCAGAGGAGGTATAATACTCTAGAATTGTGTAACATTAAAGTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCG
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_001163287.1

View online »

Summary: This gene encodes a multifunctional protein that is involved in various cellular processes, including gene expression, cell signaling, and RNA processing and transport. The protein includes an N-terminal transcriptional activation domain and a C-terminal RNA-binding domain. Chromosomal translocations between this gene and various genes encoding transcription factors result in the production of chimeric proteins that are involved in tumorigenesis. These chimeric proteins usually consist of the N-terminal transcriptional activation domain of this protein fused to the C-terminal DNA-binding domain of the transcription factor protein. Mutations in this gene, specifically a t(11;22)(q24;q12) translocation, are known to cause Ewing sarcoma as well as neuroectodermal and various other tumors. Alternative splicing of this gene results in multiple transcript variants. Related pseudogenes have been identified on chromosomes 1 and 14. [provided by RefSeq, Jul 2009]

Locus ID: 2130