

Product datasheet for **SC206929**

Estrogen Receptor beta (ESR2) (NM_001040276) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Estrogen Receptor beta (ESR2) (NM_001040276) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ESR2
Synonyms:	ER-BETA; Erb; ESR-BETA; ESRB; ESTRB; NR3A2
ACCN:	NM_001040276
Insert Size:	544 bp
Insert Sequence:	>SC206929 3'UTR clone of NM_001040276 The sequence shown below is from the reference sequence of NM_001040276. The complete sequence of this clone may contain minor differences, such as SNPs. Blue =Stop Codon Red =Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CTTTTGCCCTGAAGCAACGATGGAGCAGTGAACCTCTAATCAACTCGGTGGCCTAAAGAAAAATCTTGGG TAACATTTTCACTTCAGTTCCCTCTGGGATCATTGTAATCCATGAAAAATAATTTAAAGAAAGAG TTAAAATACTTTGAAGTTAGTTATGTGGTTAAAAACCACCTTCTTTCTATTATCAATCCAACAATTTG ATAACTGTAAACGCTAAAGTGAAGACGGATTCTTTCAGATGGTCTCCTTAACTGCCAGGGCTTCAG ATGTCTCACCCATGAGGGGCACCAATGTAGAAAGCTGAGGCTTCATCTACTGATGAGCTTCACTGGTTT CCCCTGAGGTTTGTGCTTTGGCAGAGAAGGGGAGGAGGGGACTGGGATTGTGTGGTCAGCTGTGCCTGC CAACAGATGCAGTTAGGAACTGTGTTCACTATCTTCCAATAAGAAAGGGGAAATGCCGATGCCTATCC TCTTTGTTTAGGTAGAAAGTAAAATGCTACTGGACTTAAATGGGCAAAAAAAAAAAAAAAAAA ACGCGT AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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_001040276.1



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Summary:

This gene encodes a member of the family of estrogen receptors and superfamily of nuclear receptor transcription factors. The gene product contains an N-terminal DNA binding domain and C-terminal ligand binding domain and is localized to the nucleus, cytoplasm, and mitochondria. Upon binding to 17beta-estradiol or related ligands, the encoded protein forms homo- or hetero-dimers that interact with specific DNA sequences to activate transcription. Some isoforms dominantly inhibit the activity of other estrogen receptor family members. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been fully characterized. [provided by RefSeq, Jul 2008]

Locus ID: 2100

MW: 20.8