

Product datasheet for **SC202562**

DDR2 (NM_006182) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	DDR2 (NM_006182) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	DDR2
Synonyms:	MIG20a; NTRKR3; TKT; TYRO10; WRCN
ACCN:	NM_006182
Insert Size:	2000 bp



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Insert Sequence: >SC202562 3'UTR clone of NM_006182
The sequence shown below is from the reference sequence of NM_006182. 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
CTTCTGCTCCTTCAACAAGGCGACGAGTATGCTGTGCTGCTGCCTGGCCATGTTCTACGGCTCAGGTCC
TCCCTACAAGACCTACCACTCACCCATGCCTATGCCACTCCATCTGGACATTTAATGAAACTGAGAGAC
AGAGGCTTGTGTTGCTTTCCTCTTTCTGGTCAACCCCACTCCCTACCCCTGACTCATATACACTTT
TTTTTTTTTTTACATTAAGAATAAAAAAGGAAAAAAAAAGCCTAGGGCAGATACAATCTAGTAAAA
GAAATCTTTGATATACCAAAGTGTGGATAACAAAGGCTAGAAAATTCAGATAATTTATAAAGTTAA
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TGCTCACTGTTGTATTCTCTCTCTCTCAAAAGTGAATGATATATTCTTGAAAACCCCAATTTCTT
GAAATGGGTGTTCTGTTCAATTCATGGGCAGGGTCAAGATTGAAGTTCATATATGAAACAACCTGGGGAT
GTAGATAGGAAAGAAATGTCTGCTGCAAGAGTGTATGAAGGGGATTGTCATTTACAAAAAAAAGTACC
TCATGGATGGAAGGATTCATGAATAGATAATGGACATAGGAAAGGAGTCAATGGAGGACACATAACAG
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TCTCTTGTCACTGGAGAGTTAAGATAGAGGCTCAAGAACAATGCAAGGAAAATGGAGGTTTTCAAACA
CAAAGTGGATGGTGGTATGAGACAATGTTAATGTCTTCTAACTCCGAGAGTCTTGATTCTGGAGAG
GCACAGGATGAACATCTGTTGCTACTGCTGAGTATACACTCTTGCCTCTGAGATGGCGTGACCAGCA
GAAAAGAAAGCTCAGGGCTGTGGCTTCAGAATTCATGGAAACAGGCCACTGTCAAGAAGGAATCTGCT
CAGAGCAGATTCTGAGTTTTCACACTCCACAAATCCTCAGATTTAGTGGGAAGCTGGAAAAAGAACTC
TTAATTCCAATTGAGGAGAAAACAAGAAAACATTACAAATCAGTTTCCAAGCTGAGAAGGATTAGCCTT
GACCCCTTGGGTCTGCCTCTGTTGCCCTACCAGTTTACCTTCTACAACAGTTTCTCAGGAACATGTGT
ATTTCCCATTCAGCTTTCAGCATTGCTCCACGCCACAGCATAAGCATAGATCCCAAGTCCACAGGCTC
CATTTTGCAGGTCACTTCTGATCCTAGCAAAATGTCTTTCCCATAGTTGCTCTATGCCTTTGGGCTT
TAGTCTATCCCAGGACTAACTGTGGAGAAATCATTGGTTTGTGAGAGTCAAGAGAGCATTGGTTTGGGAGC
TTAATCCTCTTCTGCTTACACTAAGTGTGTCATCTTGGCTAAATCACTTGGTCTTCTGCAATTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
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_006182.4

Summary:

This gene encodes a member of the discoidin domain receptor subclass of the receptor tyrosine kinase (RTKs) protein family. RTKs play a key role in the communication of cells with their microenvironment. The encoded protein is a collagen-induced receptor that activates signal transduction pathways involved in cell adhesion, proliferation, and extracellular matrix remodeling. This protein is expressed in numerous cell types and may also be involved in wound repair and regulate tumor growth and invasiveness. Mutations in this gene are the cause of short limb-hand type spondylometaphyseal dysplasia. [provided by RefSeq, Aug 2017]

Locus ID:

4921

MW:

76