

Product datasheet for **SC216213**

ROBO1 (NM_001145845) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	ROBO1 (NM_001145845) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ROBO1
Synonyms:	DUTT1; SAX3
ACCN:	NM_001145845
Insert Size:	1704 bp



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Insert Sequence: >SC216213 3'UTR clone of NM_001145845
 The sequence shown below is from the reference sequence of NM_001145845. 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
AATGAAGAATTAGAGGAACTGAAAGCTGAAGACAACCAAGAGGCTTATGAGATCTAATGTGAAAATCA
TCACTCAAGATGCCTCCTGTCAGATGACACATGACGCCAGATAAAATGTTCAAGTCAATCAGAGTGAC
AAATTGTCGTTTTTATTCTCTTATTGGGATATCATTAAAAAACTTTATTGGGTTTTTATTGTTGTTG
TTTGATCCCTAACCTACAAAGAGCCTTCTATTCCCCTCGTGTGGAGCAAACCATTATACCTTACT
TCCAGCAAAGCAAGTGTGTTGACTTCTTGCTTCAGTCATCAGCCAGCAAGAGGGAACAAAACCTGTTCTT
TTGCATTTTGGCCTGAGATATGGCATTGCACTGCTTATATGCCAAGCTAATTTATAGCAAGATATTGA
TCAAATATAGAAAGTTGATTTCAACCTACAAGGGCTCTCAAAGTATAATCTTTCTATAGCCAACCTGC
TAATGCAAAATTAACATATTTTCAATTTAACATGATTTCAAATCAGTTTTTCTACTACCTTTGCTG
GAAGAAACTAAAAATATAGCAAATGCAGAACCAACAACAATTGAAATGGGGTAGAAACATTGTAAATAT
TACTCTTTGCAAACCTGGTGGTATTTTATTTGGCTTCATTTCAATCATTGAAGTATATTCTTATTG
GAAATGTACTTTTGGATAAGTAGGGCTAAGCCAGTTGGATCTCTGGTTGTCTAGTCATTGTCATAAGTA
AACCTAGTAAACCTTGTCTATTTTCAATCATCAAAAAGTAATTATAAATACGTATTACAAACAAGT
GGATGTTTTAATGACCAATTGAGTAAGAACATCCCTGTCTTAACTGGCCTAAATTTCTTCTGGTAGTG
TCAGTTCAACTTTCAGAAGTGCCACTTAAGGAAGTTTGATTTTTGTTTTGTAATGCACTGTTTTAAT
CTCTCTCTTTTTTTTTTTTTTTTTGGTTTTAAAAGCACAATCACTAACTTTATTTGTAACCATTG
TAACATTAACCTTTTTTGTCTTATTGAAAAAAAATGTTGAGAAGCGTTTTAACCTGTTTTGTTAA
TGCTCTATGTTTGTATTTGGAATATTTGAATAATGACAGATGGTGAAGTAACATGCATACTTTATTGTG
GGCCATGAACCAATGGTTCTTACTTTTCTGGACTTAAAGAAAAAAGAGGTTTAAAGTTTGTGTGGC
CAATGTCGAAACCTACAAGATTTCTTAAATCTCTAATAGAGGCATTACTTGCTTTCAATTGACAAAT
GATGCCCTCTGACTAGTAGATTCTATGATCCTTTTTTGTCAATTTATGAATATCATTGATTTTATAAT
TGGTGCTATTTGAAGAAAAAATGTACATTTATTCATAGATAGATAAGTATCAGGTCTGACCCAGTGG
AAAACAAGCCAAACAAAACCTGAACCACAAAAAAAAGGCTGGTGTTCACCAAAACCAACTTGTTCAT
TTAGATAATTTGAAAAAGTTCCATAGAAAAGCGTGCAGTACTAAGGGAACAATCCATGTGATTAATGT
TTTCATTATGTTTCATGTAAGAAGCCCTTATTTTAGCCATAATTTGCATACTGAAAATCCAATAATC
AGAAAAGTAAATTTGTACATTATTTATTAATAAATGTTTCTCAAATACA
ACGCGTAAAGCGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCGCTTCTATGAAAGG
  
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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_001145845.2](https://www.ncbi.nlm.nih.gov/nuccore/NM_001145845.2)

Summary:

Bilateral symmetric nervous systems have special midline structures that establish a partition between the two mirror image halves. Some axons project toward and across the midline in response to long-range chemoattractants emanating from the midline. The product of this gene is a member of the immunoglobulin gene superfamily and encodes an integral membrane protein that functions in axon guidance and neuronal precursor cell migration. This receptor is activated by SLIT-family proteins, resulting in a repulsive effect on glioma cell guidance in the developing brain. A related gene is located at an adjacent region on chromosome 3. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]

Locus ID:

6091

MW:

66.7