

## Product datasheet for **SC208730**

### CD22 (NM\_001771) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** CD22 (NM\_001771) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** CD22  
**Synonyms:** SIGLEC-2; SIGLEC2  
**ACCN:** NM\_001771  
**Insert Size:** 694 bp  
**Insert Sequence:** >SC208730 3'UTR clone of NM\_001771  
The sequence shown below is from the reference sequence of NM\_001771. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AATGTGGACTATGTGATCCTCAAACATTGACTGGATGGGCTGCAGCAGAGGCACTGGGGGACGGGG
GGCCAGGGAAGTCCCCGAGTTTCCCAGACACCCGACATGGCTTCTCCTGCGCGCATGTGCCACAC
ACACACACACACGACACACACACACACACTACTGCGGAGAACCTTGTGCCTGGCTCAGAGCCAGT
CTTTTGGTGAGGGTAACCCCAAACCTCCAAAACCTCTGCCCTGTTCTCTTCCACTCTCCTTGCTACC
CAGAAATCCATCTAAATACCTGCCCTGACATGCACACCTCCCCCTGCCCCACCACGGCCACTGGCCAT
CTCCACCCCGAGCTGCTTGTGTCCTCCTGGGATCTGCTCGTCATCATTCTTCCCTTCTCCATCT
CTCTGGCCCTCTACCCCTGATCTGACATCCCCACTCACGAATATTATGCCAGTTTCTGCCTCTGAGGG
AAAGCCCAGAAAAGGACAGAAACGAAGTAGAAAGGGGCCAGTCTGGCCTGGCTTCTCCTTTGGAAGT
GAGGCATTGCACGGGAGACGTACGTATCAGCGGCCCTTGACTCTGGGACTCCGGTTTGAGATGGA
CACACTGGTGTGATTAACCTGCCAGGGAGACAGAGCTACAATAAAAATGGCTCAGATGCCACTCAA
AGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_001771.4</a>
<b>Summary:</b>	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules. [UniProtKB/Swiss-Prot Function]
<b>Locus ID:</b>	933
<b>MW:</b>	24.9