

## 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
Symbol:	CD22
Synonyms:	SIGLEC-2; SIGLEC2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001771
Insert Size:	694 bp
Insert Sequence:	<p>&gt;SC208730 3'UTR clone of NM_001771</p> <p>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.</p> <p>Blue=Stop Codon Red=Cloning site</p>

```

GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
AATGTGGACTATGTGATCCTCAAACATGACACTGGATGGGCTGCAGCAGAGGCACTGGGGGCAGCGGG
GGCCAGGGAAGTCCCGAGTTTCCCGAGACACCGCCACATGGCTTCTCTGCGCGCATGTGCGCACAC
ACACACACACACGACACACACACACACACTCACTGCGGAGAACCTTGTGCCTGGCTCAGAGCCAGT
CTTTTGGTGAGGGTAACCCCAAACCTCCAAACTCCTGCCCCTGTTCTCTTCCACTCTCCTTGCTACC
CAGAAATCCATCTAAATACCTGCCCTGACATGCACACCTCCCTGCCCCACCACGGCCACTGGCCAT
CTCCACCCCGAGCTGCTTGTGTCCTCCTGGGATCTGCTCGTCATCATTTTTCTTCCCTTCTCCATCT
CTCTGGCCCTCTACCCCTGATCTGACATCCCACTCACGAATATTATGCCAGTTTCTGCCTCTGAGGG
AAAGCCCAGAAAAGGACAGAAACGAAGTAGAAAGGGGCCAGTCTGGCCTGGCTTCTCCTTTGGAAGT
GAGGCATTGCACGGGGAGACGTACGTATCAGCGGCCCTTGACTCTGGGGACTCCGGGTTTGAGATGGA
CACATGGTGTGGATTAACCTGCCAGGGAGACAGAGCTCACAATAAAATGGCTCAGATGCCACTTCAA
AGAA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

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).


[View online »](#)

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:	<u><a href="#">NM_001771.4</a></u>
Summary:	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]
Locus ID:	933
MW:	24.9