

## Product datasheet for **SC208085**

### NOTCH4 (NM\_004557) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NOTCH4 (NM\_004557) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NOTCH4  
**Synonyms:** INT3  
**ACCN:** NM\_004557  
**Insert Size:** 624 bp  
**Insert Sequence:** >SC208085 3'UTR clone of NM\_004557  
The sequence shown below is from the reference sequence of NM\_004557. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ATAAACCAAGGAGGAGAGGGTAAAAATAGAGAATACATGGTAGGGAGGAATCCAAAAATGATTACC
CATTAAAAGGCAGGCTGGAAGGCCCTTCTGGTTTTAAGATGGATCCCCAAAATGAAGGTTGTGAGTT
TAGTTTTCTCTCTAAAATGAATGTATGCCACCAGAGCAGACATCTCCACGTGGAGAAGCTGCAGCTC
TGGAAAGAGGGTTAAGATGCTAGGATGAGGCAGGCCAGTCCTCTCCAGAAAATAAGACAGGCCACA
GGAGGGCAGAGTGGAGTGGAAATACCCCTAAGTTGGAACCAAGAATTGCAGGCATATGGGATGTAAGAT
GTTCTTCTCTATATATGGTTTTCCAAAGGGTGCCCTATGATCCATTGTCCCACTGCCACAAAATGGCT
GACAAATATTTATTGGGCACCTACTATGTGCCAGGCACTGTGTAGGTGCTGAAAAGTGGCCAAGGGCCA
CCCCCGCTGATGACTCCTTGCAATCCCTCCCCTCACAAACAAGAAGTCCACTGTGGGGATGAAGCGCTT
CTTCTAGCCACTGCTATCGCTATTTAAGAACCCTAAATCTGTACCCATAATAAAGCTGATTGAAGT
TTA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
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).

**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\\_004557.4](#)

**Summary:** This gene encodes a member of the NOTCH family of proteins. Members of this Type I transmembrane protein family share structural characteristics including an extracellular domain consisting of multiple epidermal growth factor-like (EGF) repeats, and an intracellular domain consisting of multiple different domain types. Notch signaling is an evolutionarily conserved intercellular signaling pathway that regulates interactions between physically adjacent cells through binding of Notch family receptors to their cognate ligands. The encoded preproprotein is proteolytically processed in the trans-Golgi network to generate two polypeptide chains that heterodimerize to form the mature cell-surface receptor. This receptor may play a role in vascular, renal and hepatic development. Mutations in this gene may be associated with schizophrenia. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Jan 2016]

Locus ID: 4855

MW: 23.1