

## Product datasheet for **SC204214**

### **katanin p80 (KATNB1) (NM\_005886) Human 3' UTR Clone**

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | 3' UTR Clones  |
| Product Name:             | katanin p80 (KATNB1) (NM_005886) Human 3' UTR Clone  |
| Symbol:                   | katanin p80  |
| Synonyms:                 | KAT; LIS6  |
| Mammalian Cell Selection: | Neomycin   |
| Vector:                   | pMirTarget (PS100062)  |
| ACCN:                     | NM_005886  |
| Insert Size:              | 328 bp   |
| Insert Sequence:          | >SC204214 3'UTR clone of NM_005886<br>The sequence shown below is from the reference sequence of NM_005886. The complete sequence of this clone may contain minor differences, such as SNPs.<br><b>Blue</b> =Stop Codon <b>Red</b> =Cloning site<br><br>GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG<br>TAACAATTGGCAGAGCTCAGAATTCAA <b>GCGATCGCC</b><br>CTGCACCTGCTCATGGCCAGTCTGGACT <b>GA</b> GGAAAGCAGTGGGCAGGGGCGCTCGGCAGCCACAGGGC<br>CTGGCCTCAGCCCCACTCCTGTTCTTGTGCACCCACTGGCCCATGAGCCTCTGCCTGGCCCCTGCTG<br>CTGTCCTGTGGCGTCTGGAGGAGGTGATGCTGGTCCCTGGCCACCTCTACAGCCCTGAACTCTTGAG<br>ACAACCTCTCCAGCAATAGCTGCCAGCTTTGCCCAACTGTTGCTTCTTGGGGCAGCGAACTGAGCCC<br>TGGGGCTGCTGCTGTAATTTATAAGGCAAATTTATTAATTTGTAACCTATT<br><b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA<br>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).  |
| 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_005886.3</a></u>   |



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**Summary:** Microtubules, polymers of alpha and beta tubulin subunits, form the mitotic spindle of a dividing cell and help to organize membranous organelles during interphase. Katanin is a heterodimer that consists of a 60 kDa ATPase (p60 subunit A 1) and an 80 kDa accessory protein (p80 subunit B 1). The p60 subunit acts to sever and disassemble microtubules, while the p80 subunit targets the enzyme to the centrosome. Katanin is a member of the AAA family of ATPases. [provided by RefSeq, Jul 2008]

**Locus ID:** 10300

**MW:** 11.3