

## Product datasheet for **SC212185**

### FAK (PTK2) (NM\_153831) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	FAK (PTK2) (NM_153831) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PTK2
Synonyms:	FADK; FADK 1; FAK; FAK1; FRNK; p125FAK; pp125FAK; PPP1R71
ACCN:	NM_153831
Insert Size:	1596 bp



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**Insert Sequence:** >SC212185 3'UTR clone of NM\_153831  
The sequence shown below is from the reference sequence of NM\_153831. 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
AAAATGCTTGGCAGACGAGACCACACTGAGCCTCCCCTAGGAGCACGTCTTGCTACCCTCTTTTGAAG
ATGTTCTCTAGCCTTCCACCAGCAGCGAGGAATTAACCCTGTGTCTCAGTCGCCAGCACTTACAGCTC
CAACTTTTTTGAATGACCATCTGGTTGAAAAATCTTTCTCATATAAGTTTAAACCACACTTTGATTTGGG
TTCATTTTTTGTGTTTTTTTCAATCATGATATTCAGAAAAATCCAGGATCCAAAATGTGGCGTTTT
TCTAAGAATGAAAATTATATGTAAGCTTTTAAAGCATCATGAAGAACAATTTATGTTACATTAAGATAC
GTTCTAAAGGGGATGGCAAGGGGTGACATCTTAATTCCTAAACTACCTTAGCTGCATAGTGAAGAG
GAGAGCATGAAGCAAAGAATCCAGGAAACCAAGAGGCTGAGAATCTTTTGTCTACCATAGAATTAT
TATCCAGACTGGAATTTTTGTTTGTAGAACACCCTTCAGTTGCAATATGCTAATCCCACTTTACAAG
AATATAAAAGCTATATTTTGAAGACTTGAGTTATTTTCAAAAAAACTACAGCCCTTTTTTGTCTTACCTG
CCTTTTACTTTCTGTGGATATGTGAAGCATTGGGTCGGGAACTAGCTGTAGAACAACAATAAAAACTC
ATGCTTTTTTTCAGAAATAATGTGCCAGTTTTTGTAGCAATGTTATTTCTCTTGGGAAGCAGAAATGC
TTTGTACCAGAGCACCTCCAAACTGCATTGAGGAGAAGTCCAGAACCATCCCCTTTTTCCATTTTTAT
ATAATTTATAAAGAAAGATTAAGCCATGTTGACTATTTTACAGCCACTGGAGTTAACTAACCCCTCCT
TGATCTGTCTTCCCAGGAGAGAATGAAGCAAAACAGGAATTTGGTTTTCTTTTGTGATGTCAGTTACAC
CATCCATTCTGTTAATTTTGAAAAAATATACCCTCCCTTAGTTTGTGGGGATATAAATTTCTCA
GGAAGAATATAATGAAGTGTACAGTTACTTTGACCTATTAAGAAAGTGTACCAGTAAAGTCTTTGTTG
TAATATCCTTTCTTTTGTGTTCTGTTTCTCAGATGGCTTTTTCAGGTGACTTGTGAGATAAGATAACATA
CAAGAGAGTTCCCAATAATTATCAGGAAGCCTCTCACTAATTAGTTTCTTTTTTTTTTATTTAATCTTCT
AAACAAGTCAAGGATGTTACCACAGAAGGGTAGCGTGGCGTAAGTTAACCTTTTTCATTCCATCGTCACC
TATTAATGCAGAGCTCAGGATGGAAGTAGCAATGGTCTTCAATGAAAGAACCTTCCCCTGCGCAGGGT
CTCACTATCCGTAACCTCGACTCAAAGCATAATTCACTTGTCAAGGAAATTTAGCATTTCAGG
CCCACCCTAGTCTTGCTAGAATCTCTGTGAGCCACAGAGCAGGGAGCAAATAGAAGTGAATCTCCAGC
ACTAGGGACTCAGACTCCAAAGGGAGGGATTTGAGTGAATTTTTTCCAGGTAATACATGCTCTTATGT
GCAAAAGCA
ACGCGTAAAGCGGCCGCGCATCTAGATTGGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
```

**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\\_153831.4](#)

**Summary:**

This gene encodes a cytoplasmic protein tyrosine kinase which is found concentrated in the focal adhesions that form between cells growing in the presence of extracellular matrix constituents. The encoded protein is a member of the FAK subfamily of protein tyrosine kinases but lacks significant sequence similarity to kinases from other subfamilies. Activation of this gene may be an important early step in cell growth and intracellular signal transduction pathways triggered in response to certain neural peptides or to cell interactions with the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jun 2017]

**Locus ID:**

5747

**MW:**

62.3