

Product datasheet for **SC220069**

PDGF Receptor alpha (PDGFRA) (NM_006206) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	PDGF Receptor alpha (PDGFRA) (NM_006206) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PDGFRA
Synonyms:	CD140A; PDGFR-2; PDGFR2
ACCN:	NM_006206
Insert Size:	2000 bp



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Insert Sequence: >SC220069 3'UTR clone of NM_006206
 The sequence shown below is from the reference sequence of NM_006206. 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
TCAGACCTGGTGGAGACAGCTTCTGTAACTGGCGGATTCGAGGGTTCCTTCCACTTCTGGGGCCAC
CTCTGGATCCCGTTCAGAAAACCACTTTATTGCAATGCAGAGGTTGAGAGGAGGACTTGGTTGATGTTT
AAAGAGAAGTTCCAGCCAAGGGCCTCGGGGAGCGTTCTAAATATGAATGAATGGGATATTTTGAATG
AACTTTGTGAGTGTTCCTCTTGCATGCCTCAGTAGCATCTCAGTGGTGTGGAAGTTTGGAGATAGA
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ACACAATTTATACTGCGACAGAACTTCAGCATTGTAATTATGTAATAACTCTAACCAAGGCTGTGTTT
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GTACTGGTACTATAGCATTTTGCTATCTTTTTAGTGTTAAAGAGATAAAGAATAATAATTAACCAACC
TTGTTTAAATAGATTTGGGTCATTTAGAAGCCTGACAACCTATTTTCATATTGTAATCTATGTTTATAAT
ACTACTACTGTTATCAGTAATGCTAAATGTGTAATAATGTAACATGATTTCCCTCCAGAGAAAGCACAA
TTTAAACAATCCTTACTAAGTAGGTGATGAGTTTGACAGTTTTTGCATTTATATTAATAACATGTT
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GATTGAACCTTTCCCGTCTCCCGTCTTCTGCCTCCCACTCCATACCCCGCAAGGAAAGGATGTACAA
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AGTTTTACTGATAATTTGAGGTTAGATGGGAGGATGAATTGTCACATCTATCCCACTGTCAAACAGGT
TGGTGTGGGTTTCAATGGCATTCTTTGCAATACTGCTTAATTGCTGATACCATATGAATGAAACATGGG
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_006206.6](#)

Summary: This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers. [provided by RefSeq, Mar 2012]

Locus ID: 5156

MW: 76.9