

Product datasheet for RN201080

Fgf10 (NM_012951) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fgf10 (NM_012951) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fgf10
Synonyms:	FGF-10
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN201080 representing NM_012951 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGAATGGATACTGACACATTGTGCCTCAGCCTTTCCACCTGCCGGCTGCTGTTGCTGCTTCT
TGTTGCTCTTCTGGTGTCTCCGTCCCTGTACCTGCCAAGCTTTGGTCAGGACATGGTGTACCGGA
GGCTACCAACTCCTCTTCTCCTCCTCTTCTCCTCCTCGTCCTTCTCCTCTCCTTCCAGCGCG
GGGAGGCATGTGCGAAGCTACAATCACCTCCAGGAGATGTCGGCTGGAGAAAGCTGTTCTCCTTACCA
AGTACTTTCTCAAGATTGAAAAGAACGGCAAGGTCAGCGGGACCAAGAAGGAAAACCTGTCGTACAGTAT
CCTAGAGATAACATCAGTGGAAATCGGAGTTGTTGCCGTCAAAGCCATTAACAGCAACTATTACTTAGCC
ATGAACAAGAAGGGGAACTCTATGGCTCAAAGAATTTAACAATGACTGTAAACTGAAAGAGAGGATAG
AGGAAAATGGATACAACACCTATGCATCTTTAACTGGCAGCACAAACGGCAGGCAATGTATGTGGCATT
GAATGGAAAAGGAGCTCCAGGAGAGGACAAAAACAAGAAGGAAAAACACCTCCGCTCACTTCTCCCC
ATGGTGGTCCACTCA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_012951
Insert Size:	648 bp



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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_012951.1</u> , <u>NP_037083.1</u>
RefSeq Size:	648 bp
RefSeq ORF:	648 bp
Locus ID:	25443
UniProt ID:	<u>P70492</u>
Cytogenetics:	2q15
Gene Summary:	binds the KGFR receptor, a splice variant of FGFR-2; may contribute to tissue regeneration and angiogenesis after acute pancreatitis [RGD, Feb 2006]