

Product datasheet for **SC313069**

PFTK2 (BC038807) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PFTK2 (BC038807) Human Untagged Clone
Tag: Tag Free
Symbol: PFTK2
Synonyms: ALS2CR7; amyotrophic lateral sclerosis 2 (juvenile) chromosome region, candidate 7; PFTAIRE protein kinase 2
Vector: pCMV6 series

Fully Sequenced ORF: >NCBI ORF sequence for BC038807, the custom clone sequence may differ by one or more nucleotides

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ATGACTTCATTTACCCCAGGGACTTCAAGCTGCCCGTGCCCAAGTTCAAGAGTAAA  
AGGCCACGGAGTAACAGTGATTGTTTTTCAGGAAGAGGATCTGAGGCAGGGTTTTTCAGTGG  
AGGAAGAGCCTCCCTTTTGGGGCAGCCTCATCTTACTTGAAC TTGGAGAAGCTGGGTGAA  
GGCTCTTATGCGACAGTTTACAAGGGGATTAGCAGAATAAATGGACA ACTAGTGGCTTTA  
AAAGTCATCAGCATGAATGCAGAGGAAGGAGTCCCATTACAGCTATCCGAGAAGCTTCT  
CTCCTGAAGGGTTTGAACATGCCAATATTGTGCTCCTGCATGACATAATCCACACCAA  
GAGACTGACATTTCGTTTTTGAATACATGCACACAGACCTGGCCAGTATATGTCTCAG  
CATCCAGGAGGGTTCATCCTCATAATGTCAGACTTTTCATGTTTCAACTTTTGC GGGGC  
CTGGCGTACATCCACCACCAACAGTTCTTACAGGGACCTGAAACCTCAGA ACTTACTC  
ATCAGTCACCTGGGAGAGCTCAAACCTGGCTGATTTTGGTCTTGCCCGGGCCAAGTCCATT  
CCCAGCCAGACATACTTTCAGAAGTCGTGACCCTCTGGTACCGCCCTGATGCTTTG  
CTGGGAGCCACTGAATATTCCTCTGAGCTGGACATATGGGGTGCAGGCTGCATCTTTATT  
GAAATGTTCCAGGGTCAACCTTTGTTTCTGGGGTTTCCAACATCCTTGAACAGCTGGAG  
AAAATCTGGGAGGTGCTGGGAGTCCCTACAGAGGATACTTGGCCGGGAGTCTCCAAGCTA  
CCTAACTACAATCCAGAATGGTCCCCTGCCTACGCCTCGAAGCCTTCATGTTGTCTGG  
AACAGGCTGGGCAGGGTTCCTGAAGCTGAAGACCTGGCCTCCAGATGCTAAAAGGCTTT  
CCCAGAGACCGCGTCTCCGCCAGGAAGCACTTGTTTCATGATTATTTAGCGCCCTGCCA  
TCTCAGCTGTACCAGCTTCTGATGAG
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Restriction Sites: Please inquire
ACCN: BC038807
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).



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OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	BC038807.1 , AAH38807.1
RefSeq Size:	2305 bp
RefSeq ORF:	1050 bp
Locus ID:	65061
Cytogenetics:	2q33.1
Protein Families:	Druggable Genome, Protein Kinase
Gene Summary:	Serine/threonine-protein kinase that acts like an antiapoptotic protein that counters TRAIL/TNFSF10-induced apoptosis by inducing phosphorylation of BIRC5 at 'Thr-34'. [UniProtKB/Swiss-Prot Function]