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Product datasheet for SC320195

Pirin (PIR) (NM_001018109) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pirin (PIR) (NM_001018109) Human Untagged Clone
Tag:	Tag Free
Symbol:	Pirin
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001018109.1 CTTCGCGTCACCCCCGCCGCTAAGGCTCCAGGTGCCGCTACCGCAGCCCCTCCATCCTCT ACAGCTCAGCATCAGAACACTCTCTTTTTAGACTCCGATATGGGGTCCTCCAAGAAAGTT ACTCTCTCAGTGCTCAGCCGGGAGCAGTCGGAAGGGGTTGGAGCGAGGGTCCGGAGAAGC ATTGGCAGACCCGAGTTAAAAAATCTGGATCCGTTTTTACTGTTTGATGAATTTAAAGGA GGTAGACCAGGAGGATTTCCTGATCATCCACATCGAGGTTTTGAAACAGTATCCTACCTC CTGGAAGGGGGCAGCATGGCCCATGAAGACTTCTGTGGACACACTGGTAAAATGAACCCA GGAGATTTGCAGTGGATGACTGCGGGCCGGGGCATTCTGCACGCTGAGATGCCTTGCTCA GAGGAGCCAGCCCATGGCCTACAACTGTGGGTTAATTTGAGGAGCTCAGAGAAGATGGTG GAGCCTCAGTACCAGGAACTGAAAAGTGAAGAAATCCCTAAACCCAGTAAGGATGGTGTG ACAGTTGCTGTCATTTCTGGAGAAGCCCTGGGAATAAAGTCCAAGGTTTACACTCGCACA CCAACCTTATATTTGGACTTCAAATTGGACCCAGGAGCCAAACATTCCCAACCTATCCCT AAAGGGTGGACAAGCTTCATTTACACGATATCTGGAGATGTGTATATTGGGCCCGATGAT GCACAACAAAAAATAGAACCTCATCACACAGCAGTGCTTGGAGAAGGTGACAGTGTCCAG GTGGAGAACAAGGATCCCAAGAGAAGCCACTTTGTCTTAATTGCTGGGGAGCCATTAAGA GAACCAGTTATCCAACATGGTCCATTTGTGATGAACACCAATGAAGAGATTTCTCAAGCT ATTCTTGATTTCAGAAACGCAAAAAATGGGTTTGAAAGGGCCAAAACCTGGAAATCAAAG ATTGGGAACTAGTGGAAAGCGGAAGAGCAGGTCTTGATGTGTCCTAGAATTTTGCCATTT CTGAGATTGAGCCATTGAAGGCATTCCATTTCTAAAGCTTATTTAGCCGGTGCTTCTAAA GAATTCCACACTAACGTGATAACATGGTTTTTGTAACAATAAATGTAGGATATTTCCTGG CACATGCAAATAAACCTAATCATTGTTTCTTTAAAAAAAAAAAAAAAAAA
Restriction Sites:	Please inquire
ACCN:	NM_001018109

View online »

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).
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:	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:	NM_001018109.1, NP_001018119.1
RefSeq Size:	1282 bp
RefSeq ORF:	873 bp
Locus ID:	8544
UniProt ID:	O00625
Cytogenetics:	Xp22.2
Protein Families:	Transcription Factors
Gene Summary:	This gene encodes a member of the cupin superfamily. The encoded protein is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein suggest the encoded protein may act as a transcriptional cofactor and be involved in the regulation of DNA transcription and replication. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (2) uses an alternate, in-frame splice site in the 5' UTR, compared to variant 1. Variants 1 and 2 encode the same protein.