OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC301680

IL32 (NM_001012631) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IL32 (NM_001012631) Human Untagged Clone
Tag:	Tag Free
Symbol:	IL32
Synonyms:	IL-32alpha; IL-32beta; IL-32delta; IL-32gamma; NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_001012631 edited ATGTGCTTCCCGAAGGTCCTCTCTGATGACATGAAGAAGCTGAAGGCCCGAATGCACCAG GCCATAGAAAGATTTTATGATAAAATGCAAAATGCAGAATCAGGACGTGGACAGGTGATG TCGAGCCTGGCAGAGCTGGAGGACGACTTCAAAGAGGGCTACCTGGAGACAGTGGCGGCT TATTATGAGGAGCAGCACCCAGAGCTCACTCCTCTATTTGAAAAAGAAAGAGATGGATTA CGGTGCCGAGGCAACAGATCCCCTGTCCCGGATGTTGAGGATCCCGCAACCGAGGAGCCT GGGGAGAGCTTTTGTGACAAGGTCATGAGATGGTTCCAGGCCATGCTGCAGCGGCTGCAG ACCTGGTGGCACGGGGTTCTGGCCTGGGTGAAGGAGAAGGTGGTGGCCCTGGTCCATGCA GTGCAGGCCCTCTGGAAACAGTTCCAGAGTTTCTGCTGCTCTCTGTCAGAGCTCTTCATG TCCTCTTTCCAGTCCTACGGAGCCCCACGGGGGGACAAGGAGGAGCTGACACCCCAGAAG TGCTCTGAACCCCAATCCTCAAAATGA
5' Read Nucleotide Sequence:	>OriGene 5' read for NM_001012631 unedited GCACGAGGGGTGACTGTCTCAGTGGAGCTGGGTCATCTCAGGCCTTGGCTCCTTGAACTT TTGGCCGCCATGTGCTTCCCGAAGGTCCTCTCTGATGACATGAAGAAGCTGAAGGCCCGA ATGCACCAGGCCATAGAAAGATTTTATGATAAAATGCAAAATGCAGAATCAGGACGTGGA CAGGTGATGTCGAGCCTGGCAGAGCTGGAGGACGACTTCAAAGAGGGCTACCTGGAGACA GTGGCGGCTTATTATGAGGAGCAGCACCCAGAGCTCACTCCTCTATTTGAAAAAGAAAGA GATGGATTACGGTGCCGAGGCAACAGATCCCCTGTCCCGGATGTTGAGGATCCCGCAACC GAGGAGCCTGGGGAGAGCTTTTGTGACAAGGTCATGAGATGGTTCCAGGCCATGCTGCAG CGGCTGCAGACCTGGTGGCACGGGGTTCTGGCCTGGGTGAAGGAGAAGGTGGTGGCCCTG GTCCATGCAGTGCAGGCCCTCTGGAAACAGTTCCAGAGTTTCTGCTGCTCTCTGTCAGAG CTCTTCATGTCCTCTTTCCAGTCCTACGGAGCCCCACGGNGGGACAAGGAGGAGCTGACA CCCCAGAAGTGCTCTGAACCCCAATCCTCAAAATGAAGATACTG
Restriction Sites:	NotI-NotI
ACCN:	NM_001012631

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:	There is 1 nucleotide difference between the OriGene clone and the NCBI reference ORF. OriGene considers this to be a polymorphism and to reflect the natural differences between individuals. This results in the substitution of 1 amino acid.
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_001012631.1, NP_001012649.1
RefSeq Size:	1157 bp
RefSeq ORF:	567 bp
Locus ID:	9235
UniProt ID:	P24001
Cytogenetics:	16p13.3
Protein Families:	Secreted Protein
Gene Summary:	This gene encodes a member of the cytokine family. The protein contains a tyrosine sulfation site, 3 potential N-myristoylation sites, multiple putative phosphorylation sites, and an RGD cell-attachment sequence. Expression of this protein is increased after the activation of T-cells by mitogens or the activation of NK cells by IL-2. This protein induces the production of TNFalpha from macrophage cells. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) encodes isoform (B), also referred to as IL-32beta. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.