IL32 cDNA Clone – Interleukin 32 (Human)

PRODUCT OVERVIEW

Product Name	IL32, cDNA Clone
Full Product Name	IL32 cDNA Clone
Product Gene Name	IL32 cdna clone
Sequence	atgtgcttcc cgaaggtcct ctctgatgac atgaagaagc tgaaggcccg aatggtaatg ctcctcccta cttctgctca ggggttgggg gcctgggtct cagcgtgtga cactgaggac actgtgggac acctgggacc ctggagggac aaggatccgg ccctttggtg ccaactctgc ctctcttcac agcaccaggc catagaaaga ttttatgata aaatgcaaaa tgcagaatca ggacgtggac aggtgatgtc gagcctggca gagctggagg acgacttcaa agagggctac ctggagacag tggcggctta ttatgaggag cagcacccag agctcactcc tctacttgaa aaagaaagag atggattacg gtgccgaggc aacagatccc ctgtcccgga tgttgaggat cccgcaaccg aggagcctgg ggagagcttt tgtgacaagg tcatgagatg gttccaggcc atgctgcagc ggctgcagac ctggtggcac ggggttctgg cctgggtgaa ggagaaggtg gtggccctgg tccatgcagt gcaggccctc tggaaacagt tccagagttt ctgctgctct ctgtcagagc tcttcatgtc ctctttccag tcctacggag ccccacgggg ggacaaggag gagctgacac cccagaagtg ctctgaaccc caatcctcaa aatga
Molecular Weight	17,003 Da
OMIM	606001
Vector	pENTR223.1
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IL32 cdna clone	MBS1276278 is a cDNA clone targeting IL32.
Other Notes	Small volumes of IL32 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL32. It may not necessarily be applicable to this product.

NCBI GI #	33874391
NCBI GeneID	9235
NCBI Accession #	BC009401
UniProt Secondary Accession #	Q5VFH7; Q5VFH8; Q8WV38; Q96GK9; A6NNM0; A8MPX0; B4DJM1; B8Q191; D3DUB0; D3DUB2
UniProt Related Accession #	P24001
NCBI Official Full Name	Homo sapiens interleukin 32, mRNA
NCBI Official Synonym Full Names	interleukin 32
NCBI Official Symbol	IL32
NCBI Official Synonym Symbols	NK4; TAIF; TAIFa; TAIFb; TAIFc; TAIFd; IL-32beta; IL-32alpha; IL-32delta; IL-32gamma
UniProt Protein Name	Interleukin-32
UniProt Synonym Protein Names	Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor
Protein Family	Interleukin

UniProt Gene Name	IL32
UniProt Synonym Gene Names	NK4; TAIF; IL-32
UniProt Entry Name	IL32_HUMAN
NCBI Protein Information	interleukin-32
NCBI Summary for IL32	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]
UniProt Comments for IL32	IL32: Cytokine that may play a role in innate and adaptive immune responses. It induces various cytokines such as TNFA/TNF- alpha and IL8. It activates typical cytokine signal pathways of NF-kappa-B and p38 MAPK. 5 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted; Cell adhesion Chromosomal Location of Human Ortholog: 16p13.3 Cellular Component: cytosol; membrane Molecular Function: protein binding Biological Process: cell adhesion; defense response
Research Articles on IL32	**1.** Additional IL-32gamma stimulation in precursor cells enhanced osteoblast differentiation potentially
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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