IL22 cDNA Clone – Interleukin 22 (Human)

PRODUCT OVERVIEW

Product Name	IL22, cDNA Clone
Full Product Name	IL22 cDNA Clone
Product Gene Name	IL22 cdna clone
Sequence	atggccgccc tgcagaaatc tgtgagctct ttccttatgg ggaccctggc caccagctgc ctccttctct tggccctctt ggtacaggga ggagcagctg cgcccatcag ctcccactgc aggcttgaca agtccaactt ccagcagccc tatatcacca accgcacctt catgctggct aaggaggcta gcttggctga taacaacaca gacgttcgtc tcattgggga gaaactgttc cacggagtca gtatgagtga gcgctgctat ctgatgaagc aggtgctgaa cttcaccctt gaagaagtgc tgttccctca atctgatagg ttccagcctt atatgcagga ggtggtgccc ttcctggcca ggctcagcaa caggctaagc acatgtcata ttgaaggtga tgacctgcat atccagagga atgtgcaaaa gctgaaggac acagtgaaaa agcttggaga gagtggagag atcaaagcaa ttggagaact ggatttgctg tttatgtctc tgagaaatgc ctgcatttga
Molecular Weight	20,011 Da
OMIM	605330
Vector	pENTR223.1
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IL22 cdna clone	MBS1277841 is a cDNA clone targeting IL22.
Other Notes	Small volumes of IL22 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 IL22. It may not necessarily be applicable to this product.

NCBI GI #	46854319
NCBI GeneID	50616
NCBI Accession #	BC069308
UniProt Related Accession #	Q9GZX6
NCBI Official Full Name	Homo sapiens interleukin 22, mRNA
NCBI Official Synonym Full Names	interleukin 22
NCBI Official Symbol	IL22
NCBI Official Synonym Symbols	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
UniProt Protein Name	Interleukin-22
UniProt Synonym Protein Names	Cytokine Zcyto18; IL-10-related T-cell-derived-inducible factor; IL-TIF
Protein Family	Interleukin
UniProt Gene Name	IL22
UniProt Synonym Gene Names	ILTIF; ZCYTO18; IL-22; IL-TIF

UniProt Entry Name	IL22_HUMAN
NCBI Protein Information	interleukin-22
UniProt Comments for IL22	IL22: Cytokine that contributes to the inflammatory response in vivo. Belongs to the IL-10 family. Protein type: Secreted, signal peptide; Secreted; Cytokine Chromosomal Location of Human Ortholog: 12q15 Cellular Component: extracellular region; extracellular space Molecular Function: cytokine activity; protein binding Biological Process: cell-cell signaling; immune response; inflammatory response; positive regulation of JAK-STAT cascade
Research Articles on IL22	**1.** IL-17A and IL-22 work synergistically to induce antimicrobials and chemokines such as IL-8, components of calprotectin (CP), lipocalin (LCN) and some beta-defensins in both human and primary mouse gastric epithelial cells (GEC) and gastroids
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