IL18R1 cDNA Clone – Interleukin 18 Receptor 1 (Human)

PRODUCT OVERVIEW

Product Name	IL18R1, cDNA Clone
Full Product Name	IL18R1 cDNA Clone
Product Gene Name	IL18R1 cdna clone
Sequence	atgaattgta gagaattacc cttgaccctt tgggtgctta tatctgtaag cactgcagaa tcttgtactt cacgtcccca cattactgtg gttgaagggg aacctttcta tctgaaacat tgctcgtgtt cacttgcaca tgagattgaa acaaccacca aaagctggta caaaagcagt ggatcacagg aacatgtgga gctgaaccca aggagttcct cgagaattgc tttgcatgat tgtgttttgg agttttggcc agttgagttg aatgacacag gatcttactt tttccaaatg aaaaattata ctcagaaatg gaaattaaat gtcatcagaa gaaataaaca cagctgtttc actgaaagac aagtaactag taaaattgtg gaagttaaaa aatttttca gataacctgt gaaaacagtt actatcaaac actggtcaac agcacatcat tgtataagaa ctgtaaaaag ctactactgg agaacaataa aaacccaacg ataaagaaga acgccgagtt tgaagatcag gggtattact cctgcgtgca tttccttcat cataatggaa aactatttaa tatcaccaaa accttcaata taacaatagt ggaagatcgc agtaatatag ttccggttct tcttggacca aagcttaacc atgttgcagt ggaattagga aaaaacgtaa ggctcaactg ctctgctttg ctgaatgaag aggatgtaat ttattggatg ttcggggaag aaaatggatc ggatcctaat atacatgaag agaaagaaat gagaattatg actccagaag gcaaatggca tgcttcaaaa gtattgagaa ttgaaaatat tggtgaaagc aatctaaatg ttttatataa ttgcactgtg gccagcacgg gaggcacaga caccaaaagc ttcatcttgg tgagaaaagc agacatggct gatatcccag gccacgtctt cacaagagga atgatcatag ctgttttgat cttggtggca gtagtgtgcc tagtgactgt gtgtgtcatt tatagagttg acttggttct attttataga catttaacga gaagagatga aacattaaca gatggaaaaa catatgatgc ttttgtgtct tacctaaaag aatgccgacc tgaaaatgga gaggagcaca cctttgctgt ggagattttg cccagggtgt tggagaaaca ttttgggtat aagttatgca tatttgaaag ggatgtagtg cctggaggag ctgttgttga tgaaatccac tcactgatag agaaaagccg aagactaatc attgtcctaa gtaaaagtta tatgtctaat gaggtcaggt atgaacttga aagtggactc catgaagcat tggtggaaag aaaaattaaa ataatcttaa ttgaatttac acctgttact gacttcacat tcttgcccca atcactaaag cttttgaaat ctcacagagt tctgaagtgg aaggccgata aatctctttc ttataactca aggttctgga agaaccttct ttacttaatg cctgcaaaaa cagtcaagcc aggtagagac gaaccggaag tcttgcctgt tctttccgag tcttaa
Molecular Weight	62,304 Da
OMIM	604494
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for IL18R1 cdna clone	MBS1274556 is a cDNA clone targeting IL18R1.
Other Notes	Small volumes of IL18R1 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 IL18R1. It may not necessarily be applicable to this product.

NCBI GI #	47481175
NCBI GeneID	8809
NCBI Accession #	BC069575
UniProt Secondary Accession #	Q52LC9; B2R9Y5
UniProt Related Accession #	Q13478
NCBI Official Full Name	Homo sapiens interleukin 18 receptor 1, mRNA
NCBI Official Synonym Full Names	interleukin 18 receptor 1
NCBI Official Symbol	IL18R1

NCBI Official Synonym Symbols	CD218a; IL18RA; IL1RRP; CDw218a; IL-1Rrp
UniProt Protein Name	Interleukin-18 receptor 1
UniProt Synonym Protein Names	CD218 antigen-like family member A; CDw218a; IL1 receptor-related protein; IL-1Rrp; IL1R-rp; CD_antigen: CD218a
Protein Family	Interleukin-18 receptor
UniProt Gene Name	IL18R1
UniProt Synonym Gene Names	IL1RRP; IL-18R-1; IL-18R1; IL-1Rrp; IL1R-rp
UniProt Entry Name	IL18R_HUMAN
NCBI Protein Information	interleukin-18 receptor 1
NCBI Summary for IL18R1	The protein encoded by this gene is a cytokine receptor that belongs to the interleukin 1 receptor family. This receptor specifically binds interleukin 18 (IL18), and is essential for IL18 mediated signal transduction. IFN-alpha and IL12 are reported to induce the expression of this receptor in NK and T cells. This gene along with four other members of the interleukin 1 receptor family, including IL1R2, IL1R1, ILRL2 (IL-1Rrp2), and IL1RL1 (T1/ST2), form a gene cluster on chromosome 2q. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2013]
UniProt Comments for IL18R1	IL18R1: Receptor for interleukin 18 (IL-18). Binding to the agonist leads to the activation of NF-kappa-B. Belongs to the interleukin-1 receptor family. Protein type: Membrane protein, integral Chromosomal Location of Human Ortholog: 2q12 Cellular Component: plasma membrane Molecular Function: protein binding; receptor activity Biological Process: immune response; signal transduction
Research Articles on IL18R1	**1.** strong evidence that IL-18 and IL18Ralpha have important functions in the pathogenesis of allergic asthma
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