

Recombinant Human AITRL/TNFSF18, His Tagged

Cat. No. TNFSF18 -55H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	E.coli
Description	AITRL protein , also known as TNFSF18 or Osteostat, is detectable in human microvascular EC and is highly up-regulated by IFN-alpha and IFN-beta.
Molecular Mass	Visfatin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 511 amino acids and having a molecular mass of 57 kDa. The recombinant human Visfatin is fused to His tag at N-Terminus.
AA Sequence	MGSSHHHHHH SSGLVPRGSH MNPAAEAEFN ILLATDSYKV THYKQYPPNT SKVYSYFECR EKKTENSCLR KVKYEETV FY GLQYILNKYL KGKVVTKKI QEAKDVYKEH FQDDVFNEKG WNYILEKYDG HLPKIKAVP EGFVIPRGNV LFTVENTDPE CYWLTNWIET ILVQSWYPIT VATNSREQKK ILAKYLLETS GNLDGLEYKL HDFGYRGVSS QETAGIGASA HLVNFKGTDV VAGLALIKKY YGTKDPVPGY SVPAAEHSTI TAWGKDHEKD AFEHIVTQFS SVPVSVVSDS YDIYNACEKI WGEDLRHLIV SRSTQAPLII RPDGSGNPLDT VLKVLILGK KFPVTENSKG YKLLPPYLRV IQGDGVDINT LQEIVEGMKQ KMWSIENIAF GSGGGLLQKL TRDLLNCSFK CSYVVTNGLG INVFKDPVAD PNKRSKKGRL SLHRTPAGNF VTLEEGKGD L EEYGQDLLHT VFKNGKVTKS YSFDEIRKNA QLNIELEAAH H

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Purity	Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
GENE INFORMATION	
Gene Name	TNFSF18 tumor necrosis factor (ligand) superfamily, member 18 [Homo sapiens]
Official Symbol	TNFSF18
Synonyms	TNFSF18; tumor necrosis factor (ligand) superfamily, member 18; tumor necrosis factor ligand superfamily member 18; AITRL; hGITRL; TL6; AITR ligand; GITR ligand; activation-inducible TNF-related ligand; glucocorticoid-induced TNF-related ligand; glucocorticoid-induced TNFR-related protein ligand; GITRL; MGC138237;
Gene ID	8995
mRNA Refseq	NM_005092
Protein Refseq	NP_005083
MIM	603898
UniProt ID	Q9UNG2
Chromosome Location	1q23
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-

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cytokine receptor interaction, conserved biosystem;

Function

cytokine activity; receptor binding; tumor necrosis factor receptor binding; tumor necrosis factor receptor superfamily binding;

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