

32-20183: Recombinant Human IFN-Omega (Discontinued)

Reactivity : Human, Mouse,
Alternative Name : IFN alpha II-1, IFNW1

Description

Source: E.coli IFN-Omega is a type I interferon that can be induced by virus-infected leukocytes. Members of the type I interferon family, which includes IFN-Alpha , IFN-Beta , and IFN-Omega , signal through the IFNAR-1/IFNAR-2 receptor complex, and exert antiviral and antiproliferative activities. IFN-Omega exhibits about 75% sequence homology with IFN-Alpha , and contains two conserved disulfide bonds that are necessary for full biological activity. Recombinant Human IFN-Omega is a 19.9 kDa protein consisting of 172 amino acid residues.

Product Info

Amount : 20 µg / 100 µg
Purification : Purity: >= 98% by SDS-PAGE gel and HPLC analyses.
Content : This recombinant protein is supplied in lyophilized form.
Amino Acid : CDLPQNHGLL SRNTLVLLHQ MRRISPFLCL KDRRDFRFPQ EMVKGSQLQK AHVMSVLHEM LQQIFSLFHT
ERSSAAWNMT LLDQLHTGLH QQLQHLETCL LQVVGEGESA GAISSPALTL RRYFQGIRVY LKEKKYSDCA
WEVVRMEIMK SLFLSTNMQE RLRSKDRDLG SS

Application Note

The ED_{50} was determined by a cytotoxicity assay using Human TF-1 cells is ≤ 0.01 ng/ml, corresponding to a specific activity of $\geq 1 \times 10^8$ units/mg.