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

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

Description

Source:E.coliIFN-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.Â 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

TheÃ Â ED_{50}Ã Â was determined by a cytotoxicity assay using Human TF-1 cells is <= 0.01 ng/ml, corresponding to a specific activity of >= 1 x 108units/mg.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.