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32-1750: mSF20 Recombinant Protein

Alternative Name :	UPF0556 protein C19orf10 homolog,Stromal cell-derived growth factor SF20,Interleukin-25,IL-25,D17Wsu104e,Il25,IL27,SF20,IL27w,R33729_1,C19orf10,Chromosome 19 Open Reading Frame 10.

Description

Source : Escherichia Coli. Chromosome 19 Open Reading Frame 10 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 143 amino acids and having a molecular mass of 15.8kDa. The Mouse SF20 is purified by proprietary chromatographic techniques. Mouse SF20 is a bone marrow stroma-derived growth factor. SF20 is expressed in the bone marrow, spleen stroma cells, resting mononuclear cells, resting CD8+ and CD19+ cells and activated CD8+ T cells. SF20 has been shown to bind to the surface of cells expressing the receptor TSA-1 (Thymic shared Ag-1). Among SF20's biological activities is stimulation of the proliferation of FDCP2 cells (a mouse factor-dependent hemopoietic cell line) and mouse lymphoid cells.

Product Info

Amount :	10 µg
Purification :	Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	Mouse SF20 was lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in PBS, pH 7.4.
Storage condition :	Lyophilized Mouse SF20 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Mouse SF20 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.
Amino Acid :	MVSEPTTVPF DVRPGGVVHS FSQDVGPGNK FTCTFTYASQ GGTNEQWQMS LGTSEDSQHF TCTIWRPQGK SYLYFTQFKA ELRGAEIEYA MAYSKAAFER ESDVPLKSEE FEVTKTAVSH RPGAFKAELS KLVIVAKAAR SEL.

Application Note

It is recommended to reconstitute the lyophilized Mouse SF20 in sterile water not less than 100ÃÂµg/ml, which can then be further diluted to other aqueous solutions.

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