9051 Mira Mesa Blvd, #910094
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SF20 Mouse

Chromosome 19 Open Reading Frame 10 Mouse Recombinant
RCP2067

Product Overview

Name	SF20 Mouse
Description	
Chromosome 19 Open Reading Frame 10 Mouse Recombinant	
Accession (Primary)	Q9CPT4
Synonyms	
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.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Mouse SF20 was lyophilized from a 0.2 μm filtered concentrated (1.0mg/ml) solution in PBS, pH 7.4.	
Stability	
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.	
Purity	
Greater than 97.0% as determined by(a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.	
Amino acid sequence	
MVSEPTTVPF DVRPGGVVHS FSQDVGPGNK FTCTFTYASQ GGTNEQWQMS LGTSEDSQHF TCTIWRPQGK SYLYFTQFKA ELRGAEIEYA MAYSKAAFER ESDVPLKSEE FEVTKTAVSH RPGAFKAELS KLVIVAKAAR SEL.	

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Solubility

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

Precautions

SF20 Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9CPT4)