
Product Data Sheet

Product Name: SF20 Mouse
 Cat. No.: GP20928
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped at Room temp.
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.		
Amino Acid Sequence	MVSEPTTVPF DVRPGGVVHS FSQDVGPNGK FTCTFTYASQ GGTNEQWQMS LGTSEDSQHF TCTIWRPQ GK SYLYFTQFKA ELRGAEIEYA MAYSKA AFER ESDVPLKSEE FEVTKTAVSH RPGAFKAELS KLVIVAKAAR SEL.		
Solubility	It is recommended to reconstitute the lyophilized Mouse SF20 in sterile water not less than 100µg/ml, which can then be further diluted to other aqueous solutions.		
Formulation	Mouse SF20 was lyophilized from a 0.2µm filtered concentrated (1.0mg/ml) solution in PBS, pH 7.4.		

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.

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

Caution: Product has not been fully validated for medical applications. For research use only.

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cycles.

Background

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.

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