

Recombinant Murine Chromosome 19 Open Reading Frame 10

Cat. No. C19orf10-961M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C19orf10 produced in <i>E.coli</i> was a 15.8kDa protein containing 143 amino acid residues.
Species	Mouse
Source	E.coli
Description	Murine SF20 is a bone marrow stroma-derived growth factor. SF20 is expressed in bone marrow, spleen stroma cells, resting mononuclear cells, resting CD8+ and CD19+ cells and activated CD8+ T cells and has been shown to bind to the surface of cells expressing the receptor TSA-1 (Thymic shared Ag-1). Among its biological activities, SF20 stimulates the proliferation of FDCP2 cells (a mouse factor-dependent hemopoietic cell line) and mouse lymphoid cells.
Purity	>98% by SDS-PAGE.
Endotoxin level	<0.1ng/μg of C19orf10.
Stabilizer	None.
Buffer	None.
Formulation	Lyophilized.
Biological Activity	Data not available at this time.

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Reconstitution The murine SF20 should be reconstituted in water to a concentration of 0.1-1.0 mg/ml. This solution can be diluted in water or other buffer solutions or stored at -20°C.

Stability The lyophilized protein is stable for a few weeks at room temperature, but best stored at -20°C. Reconstituted murine SF20 should be stored in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.

GENE INFORMATION

Gene Name C19orf10 chromosome 19 open reading frame 10 [Homo sapiens]

Synonyms C19orf10; chromosome 19 open reading frame 10; IL25; IL27; SF20; IL27w; R33729_1; EUROIMAGE1875335; hypothetical protein LOC56005; interleukin 25; interleukin 27 working designation; stromal cell-derived growth factor; UPF0556 protein C19orf10; Stromal cell-derived growth factor SF20; Interleukin-25

Gene ID 56005

mRNA Refseq NM_019107

Protein Refseq NP_061980

MIM 606746

UniProt ID Q969H8

Chromosome Location 19p13.3

Function growth factor activity; protein binding

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