

SF20 Mouse

Description: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.

Catalog #:CYPS-685

For research use only.

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.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered White lyophilized (freeze-dried) powder.

Amino Acid Sequence:MVSEPTTVPF DVRPGGVVHS FSQDVGPNGK FTCTFTYASQ
GGTNEQWQMS LGTSEDSQHF TCTIWRPQGK SYLYFTQFKA ELRGAEIEYA MAYSKAAFER
ESDVPLKSEE FEVTKTAVSH RPGAFKAELS KLVIVAKAAR SEL.

Purity:Greater than 97.0% as determined by(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Formulation:

Mouse SF20 was lyophilized from a 0.2

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Solubility:

It is recommended to reconstitute the lyophilized Mouse SF20 in sterile water not less than 100

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 SF20s biological activities is stimulation of the proliferation of FDCP2 cells (a mouse factor-dependent hemopoietic cell line) and mouse lymphoid cells.

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