

## Mydgf Recombinant Mouse SF20

<b>Catalog No.</b>	CRS700A	<b>Quantity:</b>	2 µg
	CRS700B		10 µg
	CRS700C		1.0 mg

**Alternate Names:** IL-25, IL25, SF-20, IL-17E

**Description:** Recombinant Mouse SF20 is a single non-glycosylated polypeptide chain containing 143 amino acids.  
Background: 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.

**Gene ID:** 28106

**Source:** *E. coli*

**Molecular Weight:** 15.8 kDa

**Formulation:** Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4.

**Purity:** >95% by SDS-PAGE and HPLC

**Endotoxin Level:** Less than 1EU/µg of rMuSF20 as determined by LAL method.

**Biological Activity:** Data Not Available.

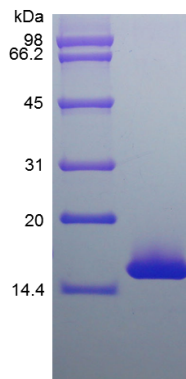
**Amino Acid Sequence:** MVSEPTTVPF DVRPGGVVHS FSQDVGPNGK FTCTFTYASQ GGTNEQWQMS  
LGTSEDSQHF TCTIWRPQGK SYLYFTQFKA ELRGAEIEYA MAYSKAAFER  
ESDVPLKSEE FEVTKTAVSH RPGAFKAELS KLVIVAKAAR SEL

**Reconstitution:** **Centrifuge vial prior to opening.** Add sterile distilled water or aqueous buffer to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in appropriate buffered solutions.

**Storage & Stability:** Stable at 2-8°C, but best kept desiccated -20°C. Upon reconstitution, stable for up to 1 week at 2-8°C. For longer term, store in working aliquots below -20°C. **Avoid repeated freeze/thaw cycles.**



## SDS-PAGE



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