

Recombinant Mouse Marif3

Cat. No. Marif3-90M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Marif3 is produced in E.coli.
Species	Mouse
Source	E.coli
Description	Murine Macrophage inflammatory protein 1 gamma is a monokine with inflammatory, pyrogenic and chemokinetic CC properties. When murine MIP-1 gamma binds to a high affinity receptor it activates CC calcium release in neutrophils. It also inhibits colony formation CC of bone marrow myeloid immature progenitors. This rec mMIP-1g is an 11.6 kDa protein containing 101 amino acid residues.
Supplied	Protein with no additives.
Purity	> 99% by SDS-Page analysis and HPLC analysis. Endotoxin level is less than 0.1ng per ug of MIP-1gamma.
Reconstitution	The MIP-g is soluble in water and most aqueous buffers. The lyophilized powder should be reconstituted in water to a concentration of 1mg/ml. Let sit at least 30 minutes, tighten cap, rotate vial to reconstitute any material on sides of vial. If desired, you can centrifuge the vial for 1-2 minutes at 1000 rpm to concentrate material in bottom of vial. This material can be diluted into water or other buffered solutions or stored at - 20°C for future use. It is recommended that further dilutions of the stock be made into buffer containing carrier protein or media containing serum.

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Reactivity

The murine MIP-1g biological activity was determined by a chemotaxis assay. Significant chemotaxis was achieved at a concentration of 100ng/ml.

Storage

The powder, though stable at room temperature, is best stored desiccated below 0°C. Reconstituted MIP-1 gamma should be stored in working aliquots at -20 °C. Avoid Frequent Freeze-Thaw Cycles.

GENE INFORMATION**Gene Name**

Marif3 macrophage-associated risk inflammatory factor 3 [Mus musculus]

Synonyms

Marif3; macrophage-associated risk inflammatory factor 3

Gene ID

100035760

**Chromosome
Location**

19 15.0 cM

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