



## **Recombinant mouse TGF- $\beta$** **Mouse transforming growth factor** **Catalog # KPG-ReMTGF**

TGF- $\beta$  is an important cytokine produced by several cells, such as macrophages and T regulatory lymphocytes. This is an important cytokine to induce differentiation of T regulatory cells and Th17. It also participates in the pathogenesis of cancers. The cytokine has a molecular mass each of 12.8 kilo Daltons. Recombinant mouse TGF- $\beta$  can be intended for use in *in vivo* and *in vitro* applications. Recombinant mouse TGF- $\beta$  is produced in CHO transfected with the full-length sequence for the mouse TGF- $\beta$  gene in the PET21b+.

### **PRODUCT INFORMATION**

#### Content:

- 100 ng of lyophilized recombinant mouse TGF- $\beta$

#### Storage and stability:

- Recombinant mouse TGF- $\beta$  is shipped and stored at -20°C.
- Upon receipt, add 1 mL sterile distilled water and prepare aliquots of recombinant mouse TGF- $\beta$  and store at -20°C for 12 months.

Note: Avoid repeated freeze-thaw cycles.

### **Quality control**

- Purity greater than 98% as determined by SDS-PAGE.
- Endotoxin levels <0.1 EU/ $\mu$ g as determined using a kinetic chromogenic LAL assay.
- Biological activity was not tested.
- Did not Sterile. Please sterile after reconstitution using 0.22  $\mu$ m filter.
- Expression system: CHO
- Accession: P04202
- Protein length: Full length protein
- Animal free: Yes
- Carrier free: Yes
- Nature: Recombinant
- Predicted molecular weight: 12.8 kDa

### **CHARACTERISTICS**

Source: Bacteria; CHO

Predicted molecular mass:  $\approx$  12.8 kDa (as determined by SDS-PAGE)

### **Formulation:**

Recombinant mouse TGF- $\beta$  needs to be sterilized by filtered from 0.22  $\mu$ m filter.  
Solubility: 20  $\mu$ g/ml in water

### **RELATED PRODUCTS**

**Recombinant Human IL-1 $\beta$**   
**Recombinant Human IL-2**  
**Recombinant Human IL-4**  
**Recombinant Human IL-6**  
**Recombinant Human IL-8**  
**Recombinant Human IL-10**  
**Recombinant Human IL-12**  
**Recombinant Human IL-13**  
**Recombinant Human IL-17A**  
**Recombinant Human IL-18**  
**Recombinant Human IL-29**  
**Recombinant Human IFN- $\gamma$**   
**Recombinant Human TNF- $\alpha$**   
**Recombinant Human VEGF**  
**Recombinant Human CCL21**  
**Recombinant Human CXCL10**  
**Recombinant Human CXCL12**  
**Recombinant Human CCL2**  
**Recombinant Human CCL3**

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### **TECHNICAL SUPPORT**

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