

**Recombinant Mouse Growth Hormone/GHProtein**

**Cat.NO.: TP05290**

3th Edition

**Synonyms:**Somatotropin; Growth Hormone; Gh1; Gh

**Description:**Somatotropin(GH) is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. Its major role in stimulating body growth is to stimulate the liver and other tissues to secrete IGF-1. GH stimulates both the differentiation and proliferation of myoblasts. It also stimulates amino acid uptake and protein synthesis in muscle and other tissues.

**Form:**PBS

**Molecular Weight:**21.9 kDa

**Sequences:**Phe27-Phe216

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.