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## Product Datasheet

### Recombinant Mouse GH EBT-EPT217

Article Name	Recombinant Mouse GH
Biozol Catalog Number	EBT-EPT217
Supplier Catalog Number	EPT217
Alternative Catalog Number	EBT-EPT217-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Growth Hormone is produced by our E.coli expression system and the target gene encoding Phe27-Phe216 is expressed....
Molecular Weight	Molecular weight: 22 KDa. Apparent molecular weight: 20 KDa, reducing conditions
UniProt	P06880
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. Background: 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