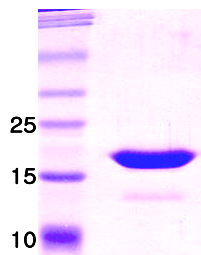


**Product:** Growth Hormone (Somatotropin), Human  
**Catalog #:** 12-4203-1  
**Amount:** 50 µg

**SOURCE:** Recombinant, E. coli

**AA Sequence:**

MFPTIPLSRL FDNAMLR AHR LHQLAFDTYQ EFEEAYIPKE  
QKYSFLQNPQ TSLCFSESIP TPSNREETQQ KSNLELLRIS  
LLLIQSWLEP VQFLRSVFAN SLVYGASDSN VYDLLKDLLE  
GIQTLMGRLE DGSPRTGQIF KQTYSKFDTN SHNDDALLKN  
YGLLYCFRKD MDKVETFLRI VQCRSVEGSC GF



14% SDS-PAGE

**PURITY:** Greater than 95% determined by SDS-PAGE  
**MOLECULAR WEIGHT:** 22.2 kDa (192 amino acids)  
**PRESENTATION:** Purified, in 88mM mannitol, 5mM phosphate, pH7.4  
**STORAGE/STABILITY:** -20°C (aliquot), Avoid repeated freeze and thaw cycles.

**Reference:**

Wickens., et al (1978) J. Biol Chem. 253(7): 2483-2495  
Goeddel., et al (1979) Proc. Natl. Acad. Sci., 76: 106-110  
Chang, et al (1978) Nature 275: 617-624  
Ullrich. et al (1977) Science 196: 1313-1319

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