

## Recombinant Human Follistatin

#R00189

Size: 5 µg/100 µg/500 µg

### Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
  - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
  - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



**Warning:** This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

### AA Sequence

GNCWLRQAKNGRCQVLYKTELSKEECCSTGRLSTS  
WTEEDVNDNTLFKWMIFNGGAPNCIPCKETCENVDC  
GPGKKCRMNKKNKPRCVCAPDCSNITWKGPVCGLD  
GKTYRNECALLKARCKEQPELEVQYQGRCKKTCRD  
VFCPGSSTCVVDQTNNAYCVTCNRICPEPASSEQYL  
CGNDGVTYSSACHLRKATCLLGRSIGLAYEGKCIKAK  
SCEDIQCTGGKKCLWDFKVGGRGRCSLCDELCPDSKS  
DEPVCASDNATYASECAMKEAACSSGVLLEVKHSGS  
CN

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered

solutions.

### Product Specification

|                     |                                                                                                 |
|---------------------|-------------------------------------------------------------------------------------------------|
| Species             | Human                                                                                           |
| Source              | Escherichia coli.                                                                               |
| Molecular Weight    | Approximately 31.5 kDa, a single non-glycosylated polypeptide chain containing 288 amino acids. |
| Purity              | > 95 % by SDS-PAGE and HPLC analyses.                                                           |
| Biological Activity | Testing in Progress.                                                                            |
| Physical Appearance | Sterile Filtered White lyophilized (freeze-dried) powder.                                       |
| Formulation         | Lyophilized from a 0.2 mm filtered concentrated solution in 20mM Tris-HCl, pH 8.5, 150 mM NaCl. |
| Endotoxin           | Less than 1 EU/µg of rHuFollistatin as determined by                                            |

**Shipping**

LAL method.

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

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