

Human Follistatin protein (active)

Cat. No. GTX48321-pro

Applications Functional Assay

Species Human

Package

20 µg

PRODUCT

Summary

Recombinant human Follistatin is a 31.5 kDa protein containing 288 amino acids. Its primary structure contains three cysteine-rich domains (called FS domains), each followed by a protease-inhibitory kazal domain.

Applications

Application Note

Determined by its ability to neutralize Activin A inhibitory effect of murine MPC-11 cells. The expected ED₅₀ is 0.1-0.4 µg/ml in the presence of 7.5 ng/ml Activin A.

Properties

Form Lyophilized powder

Buffer Batch dependent (please contact us for details)

Storage Store at -20°C or below. After reconstitution, keep as concentrated solution. Avoid freeze-thaw cycles.

Region/Sequence

GNCWLRQAKN GRCQVLYKTE LSKEECSTG RLSTSWTEED VNDNTLFKWM IFNGGAPNCI PCKETCENV D CGPGKKCRMN
KKNKPRCVCA PDCSNITWKG PVCGLDGKTY RNECALLKAR CKEQPELEVQ YQGRCKKTCR DVFCPGSSTC VVDQTNNAVC
VTCNRICPEP ASSEQYLCGN DGVTYSSACH LRKATCLLGR SIGLAYEGKC IKAKSCEDIQ CTGGKKCLWD FKVGRGRCSL
CDELCPDSKS DEPVACASDNA TYASECAMKE AACSSGVLE VKHSGSCN

Expression System E. coli

Purity > 95%

Endotoxin < 1 EU/µg

Conjugation Unconjugated

Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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