BACKGROUND
Follistatin is a high affinity binding protein of activin originally isolated for their role in regulating the release of follicle-stimulating hormone (FSH). Follistatin forms a group of interrelated factors with activins and inhibins, members of the transforming growth factor-beta (TGFβ) superfamily. Activin, follistatin and activin receptors are expressed in many tissues where they function as autocrine/paracrine regulators of a variety of physiological processes including reproduction. Follistatin is an important regulator of pituitary FSH secretion.

REFERENCES

CHROMOSOMAL LOCATION
Genetic locus: FST (human) mapping to 5q11.2.

PRODUCT
follistatin (h): 293T Lysate represents a lysate of human follistatin transfected 293T cells and is provided as 100 µg protein in 200 µl SDS-PAGE buffer.

APPLICATIONS
follistatin (h): 293T Lysate is suitable as a Western Blotting positive control for human reactive follistatin antibodies. Recommended use: 10-20 µl per lane.

Control 293T Lysate: sc-117752 is available as a Western Blotting negative control lysate derived from non-transfected 293T cells.

follistatin (H-114): sc-30194 is recommended as a positive control antibody for Western Blot analysis of enhanced human follistatin expression in follistatin transfected 293T cells (starting dilution 1:100, dilution range 1:100-1:1,000).

STORAGE
Store at -20° C. Repeated freezing and thawing should be minimized. Sample vial should be boiled once prior to use. Non-hazardous. No MSDS required.