

PRODUCT INFORMATION SUMMARY

Human Activin A

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| PRODUCT NUMBER | HC70043B | 5.0 ug |
| | HC70043A | 1.0 ug |

DESCRIPTION:

Human Activin A is a related TGF Beta factor which acts primarily in cell differentiation, proliferation and neuronal survival. Human Activin has been associated with breast and colorectal cancer. Effects of Activin can be inhibited by Follistatin and inhibins. Human Activin A is a 26 kDa homodimer protein containing two chains of 116 aa. each.

SOURCE:

High-5 Insect cells, using BTI cell line under license.
Purity greater than 95% by HPLC analysis.
Endotoxin level less than 0.1 ng per ug Activin.

HANDLING AND STORAGE:

Spin-down vial before reconstitution. Lyophilized, purified reconstitute with 50 uL of sterile **or** distilled water. Further dilute in PBS or other aqueous buffers. This can be stored in small aliquots, **with addition of carrier protein**, ie., 0.1% BSA, frozen at -20° C.

BIOACTIVITY:

At concentration from 2.0 ng/mL , ability to inhibit mouse MPC-11 cells at half-maximal effect, corresponding to specific activity of 5×10^5 units/mg.

WARRANTY: Products sold hereunder are warranted only to conform to the quantity and contents stated on the label at the time of delivery to the customer. There are no warranties, expressed or implied, which extend beyond the description on the label of the product.

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