

rActivin A

Recombinant Activin A

Activin A is a disulfide-linked homodimer of two β A chains, each containing 116 amino acid residues. Activin A is a member of the TGF- β superfamily that exhibits multiple biological activities, including regulation of cellular differentiation and promotion of neuronal survival.

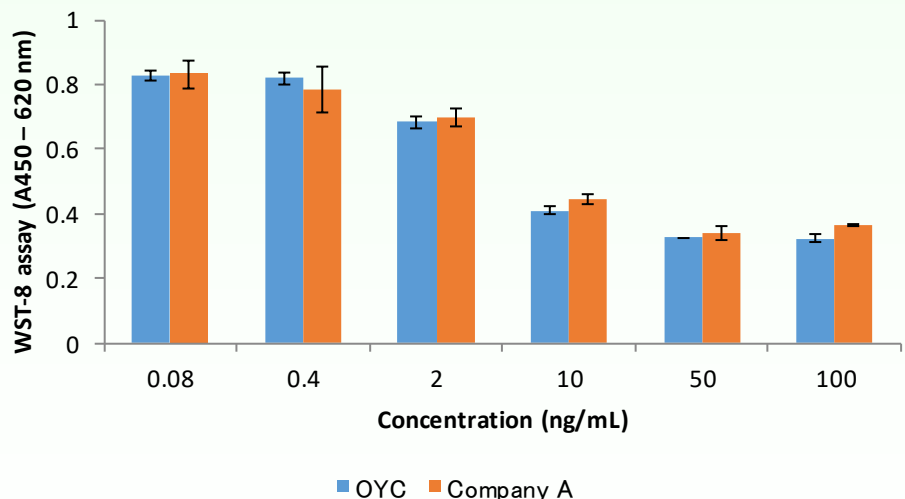
Specifications

Recombinant Activin A

Host	: <i>E.coli</i>
Origin	: Human
Molecular mass	: 26 kDa (homodimer)
Concentration	: ≥ 0.2 mg/mL
Formulation	: 50 mM Tris-HCl containing 50 mM NaCl (pH 7.5)
Purity	: $\geq 95\%$ (SDS-PAGE)
Endotoxin level	: ≤ 0.1 EU/ μ g
Storage	: Frozen, below -70°C

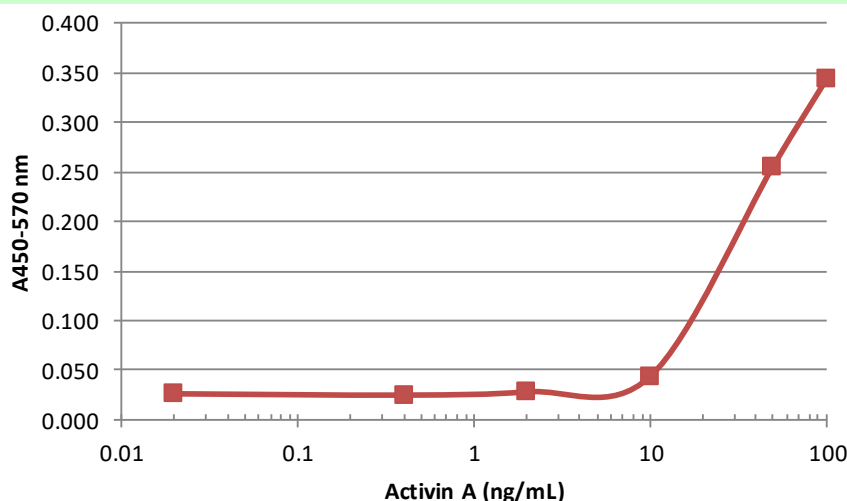
* Please avoid repeated freezing and thawing.

Inhibition of the proliferation of murine MPC-11 cells



MPC-11 cells were seeded into microplates at a concentration of 4×10^3 cells/well in the presence of various concentration of Activin A. The cells were cultured for four days at 37°C . Proliferative response was detected by WST-8 solution.

Support For Cell Culture OYC research reagents



K562 cells were seeded into microplates at a concentration of 2.5×10^4 cells/well in the presence of various concentrations of Activin A. The cells were cultured for seven days at 37°C. Hemoglobin levels in cell lysates were assessed by measuring pseudoperoxidase activity.

Item	Catalog number	Packing size
Recombinant Activin A	47154000	20 µg

* For bulk inquiry, please contact us below.

* For research purposes only. Not for therapeutic or diagnostic use.

Related products

Item	Catalog number	Packing size
Recombinant Human FGF1	47078000	100 µg
Recombinant Human FGF2	47079000	100 µg

References

1. Kumanov, P., et al. *Reprod. Biomed. Online*. 10:786–796 (2005).
2. Maeshima A, et al. *Endocrine Journal*. 55(1):1–9 (2008).
3. Gray, A.M. and A.J. Mason *Science* 247:1328-30 (1990).
4. Mason, A. J. et al. *Mol. Endocrinol.* 10 1055–1065 (1996).
5. Harrison, C.A. et al. *Trends Endocrinol. Metab.* 16:73-78 (2005).

Please contact the one that best suits your need.

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