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Product Datasheet

Recombinant Porcine Activin A, Unconjugated

EMB-Y00101P-50UG

Article Name	Recombinant Porcine Activin A, Unconjugated
Biozol Catalog Number	EMB-Y00101P-50UG
Supplier Catalog Number	Y00101P
Alternative Catalog Number	EMB-Y00101P-50UG, EMB-Y00101P-1MG
Manufacturer	EastMabBio
Category	Proteine/Peptide
Application	Cell Culture
Species Reactivity	Porcine
Conjugation	Unconjugated
Molecular Weight	12.9 kDa
Tag	Tag free
UniProt	P03970
Buffer	Lyophilized from a 0.22 um filtered solution containing 0.085% TFA, 30% ACN, 5%Mannitol, pH 2.5
Source	CHO cell

Purity	95% by SDS-PAGE
Form	Lyophilized powder
Target	Activin A
Application Notes	Expression Region: Gly309-Ser424. Specificity: Porcine Activin A. Bioactivity: Measured in a inhibition assay using MPC-11 cells. The ED50 is 2.0ng/ml. Endotoxin: 10 EU/mg. Research Area: Cell-Cultured Pork Production - Supports the differentiation of pluripotent stem cells into mesendodermal lineages for muscle and fat development. Porcine Embryonic Stem Cell Maintenance - Sustains pluripotency and directs germ layer specification. Definitive Endoderm and Hepatocyte Differentiation - Drives efficient differentiation toward liver and pancreatic cell fates. Porcine Embryo Development Research - Models primitive streak formation and mesendodermal progenitor development. Serum-Free Culture Systems - Suitable for chemically defined and xeno-free cell culture media