

Recombinant Human Activin A (INHBA)

Cat No:HR2R1121

For research use only

Overview

Quantity	1.0 ?g
Gene Symbol	INHBA
Gene ID	3624
Accession	P08476
Alternative Name	Activin beta-A chain, Inhibin beta A chain, Erythroid differentiation protein, INHBA
Species	Human
Source	E. coli
Description	Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development and bone growth, depending on their subunit composition. Activin A is a disulfide linked homodimer (two beta-A chains) that binds to the two forms of activin receptor type I (Act RI-A and Act RI-B) and two forms of activin receptor type II (Act RII-A and Act RII-B). The biological activities of Activin A can be neutralized by inhibins and by the diffusible TGF-? antagonist, follistatin.
Functions	N.A.
Formulation	Activin A is supplied in 20mM Tris-HCl, 1mM EDTA and 50% Glycerol.
Solubility	Not required
Appearance	Liquid
Molecular Weight	13
Purity	>95% as determined by SDS-PAGE
Concentration	<1.0 EU/?g of recombinant protein as determined by the LAL method.
Shipping Condition	Dry Ice
Storage Condition	Store at 4?C, if the product will be used within 4 weeks. Store at -20?C for longer periods of time.