

## Product datasheet for **TP726849**

### Inhibin beta A (INHBA) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human/Mouse Activin A/INHBA
Species:	Human
Expression cDNA Clone or AA Sequence:	Gly311-Ser426
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Activin A is produced by our Mammalian expression system and the target gene encoding Gly311-Ser426 is expressed.
Stability:	12 months from date of despatch
Locus ID:	3624
UniProt ID:	<a href="#">P08476</a>
Summary:	Activin and inhibin are two closely related protein complexes that have almost directly opposite biological effects. Activins, members of the TGF-beta superfamily, are disulfide-linked dimeric proteins originally purified from gonadal fluids as proteins that stimulated pituitary follicle stimulating hormone (FSH) release. 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 or bone growth, depending on their subunit composition. Activins are homodimers or heterodimers of the various beta subunit isoforms, while inhibins are heterodimers of a unique alpha subunit and one of the various beta subunits.



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