

Product datasheet for **TP723005**

Inhibin beta B (INHBB) (NM_002193) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human inhibin, beta B (INHBB).
Species:	Human
Expression Host:	Hi-5 insect
Expression cDNA Clone or AA Sequence:	GLECDGRTNL CCRQQFFIDF RLIGWNDWII APTGYGNYC EGSCPAYLAG VPGSASSFHT AVVNQYRMRG LNPGTVNSCC IPTKLSTMSM LYFDDEYNIV KRDVPMIIVE ECGA
Tag:	Tag Free
Predicted MW:	25.6 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μ M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	ED50 was determined by its ability to inhibit the proliferation of murine MPC-11 cells is less than or equal to 2.0 ng/ml, corresponding to a specific activity of $> 5 \times 10^5$ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/ μ g of protein (< 1 EU/ μ g)
Storage:	Store at -80°C .
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002184
Locus ID:	3625
UniProt ID:	P09529
RefSeq Size:	3218
Cytogenetics:	2q14.2
RefSeq ORF:	1221



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Summary:

This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. Polymorphisms near this gene are associated with pre-eclampsia in female human patients. [provided by RefSeq, Aug 2016]

Protein Families:

Druggable Genome, Secreted Protein

Protein Pathways:

Cytokine-cytokine receptor interaction, TGF-beta signaling pathway

Product images: