

Product datasheet for **TP723003**

Inhibin beta A (INHBA) (NM_002192) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human inhibin, beta A (INHBA).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	GLECDGKVN I CCKKQFFVSF KDIGWNDWII APSGYHANYC EGECPSHIAG TSGSSLSFHS TVINHYMRMG HSPFANLKSC CVPTKLRPMS MLYYDDGQNI IKKDIQNMIV EECGCS
Tag:	Tag Free
Predicted MW:	26 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM 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 x 10 ⁵ units/mg.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_002183
Locus ID:	3624
UniProt ID:	P08476 , A4D1W7
RefSeq Size:	2175
Cytogenetics:	7p14.1
RefSeq ORF:	1278
Synonyms:	EDF; FRP



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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. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in 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: