Recombinant Human Inhibin, Alpha, T7-tagged

Cat. No. INHA-2931H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHA was produced in*E.coli*with a T7 tag at N-terminus. MW = 39670 Da (19-366 aa).
Species	Human
Source	E.coli
ProteinLength	19-366 a.a.
Description	The inhibin alpha subunit joins either the beta A or beta B subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. However, in prostate cancer, expression of the inhibin alpha-subunit gene was suppressed and was not detectable in poorly differentiated tumor cells. Furthermore, because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone.
Form	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN3. 10mM DTT.
Purity	95%.
Applications	MS. SDS.

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GENE INFORMATION

Gene Name	INHA inhibin, alpha [Homo sapiens]
Synonyms	INHA; inhibin, alpha; inhibin alpha chain; A-inhibin subunit
Gene ID	3623
mRNA Refseq	NM_002191
Protein Refseq	NP_002182
MIM	147380
UniProt ID	P05111
Chromosome Location	2q33-q36
Function	cytokine activity; growth factor activity; hormone activity; inhibin beta-A binding; protein binding; contributes_to protein binding; protein heterodimerization activity; receptor binding; signal transducer activity

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