

Product datasheet for **AR50722PU-S**

Inhibin alpha / INHA (233-366, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Inhibin alpha / INHA (233-366, His-tag) human recombinant protein, 50 µg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSTPLMSWPW SPSALRLLQR PPEEPAAHAN CHRVALNISF QELGWERWIV YPPSFIFHYC HGGCGLHIPP NLSLPVPGAP PTPAQPYSLL PGAQPCCAAL PGTMRPLHVR TTSDGGYSFK YETVPNLLTQ HCACI
Tag:	His-tag
Predicted MW:	17.0 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human INHA protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002182
Locus ID:	3623
UniProt ID:	P05111
Cytogenetics:	2q35



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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 multiple peptide products, including the alpha subunit of the inhibin A and B protein complexes. These complexes negatively regulate follicle stimulating hormone secretion from the pituitary gland. Inhibins have also been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. Mutations in this gene may be associated with male infertility and premature ovarian failure in female human patients. [provided by RefSeq, Aug 2016]

Protein Families:

Druggable Genome, Secreted Protein

Product images: