

Product datasheet for **TP762397**

Inhibin alpha (INHA) (NM_002191) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human inhibin, alpha (INHA),Ser233-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region (Ser233-End) of INHA
Tag:	N-His
Predicted MW:	14.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	>80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002182
Locus ID:	3623
UniProt ID:	P05111
RefSeq Size:	1436
Cytogenetics:	2q35
RefSeq ORF:	1098



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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:

Purified recombinant protein INHA was analyzed by SDS-PAGE gel and Coomassie Blue Staining.