

Recombinant Human INHBB protein, His & GST-tagged

Cat. No. INHBB-1764H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHBB aa. (Gly50~Cys404) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Gly50~Cys404
Description	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.
Form	Freeze-dried powder
Molecular Mass	70kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	INHBB inhibin beta B subunit [Homo sapiens (human)]
Official Symbol	INHBB
Synonyms	HBBA; hemoglobin beta, subunit A; HBG2; HBB-A; hemoglobin subunit beta; beta-A globin; hemoglobin, gamma G
Gene ID	3625

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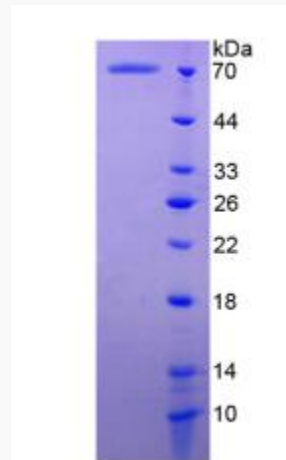
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mRNA Refseq [NM_002193.3](#)

Protein Refseq [NP_002184.2](#)

UniProt ID [P09529](#)



SDS-PAGE

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