EPA838Hu61 100ug

Eukaryotic Inhibin Beta A (INHbA)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Eukaryotic expression.

Host: 293F cell

Residues: Ser21~Ser426

Tags: N-terminal His Tag

Homology: Mouse 96%, rat 96%

Tissue Specificity: Testis, Eye.

Subcellular Location: Secreted.

Purity: >95%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Traits: Freeze-dried powder

Buffer Formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Predicted isoelectric point: 7.9

Predicted Molecular Mass: 46.6kDa

Accurate Molecular Mass: 47kDa as determined by SDS-PAGE reducing conditions.

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. 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.The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

SPTPGSEGHS AAPDCPSCAL AALPKDVPNS
QPEMVEAVKK HILNMLHLKK RPDVTQPVPK AALLNAIRKL HVGKVGENGY
VEIEDDIGRR AEMNELMEQT SEIITFAESG TARKTLHFEI SKEGSDLSVV
ERAEVWLFLK VPKANRTRTK VTIRLFQQQK HPQGSLDTGE EAEEVGLKGE
RSELLLSEKV VDARKSTWHV FPVSSSIQRL LDQGKSSLDV RIACEQCQES
GASLVLLGKK KKKEEEGEGK KKGGGEGGAG ADEEKEQSHR PFLMLQARQS
EDHPHRRRRR GLECDGKVNI CCKKQFFVSF KDIGWNDWII APSGYHANYC
EGECPSHIAG TSGSSLSFHS TVINHYRMRG HSPFANLKSC CVPTKLRPMS
MLYYDDGQNI IKKDIQNMIV EECGCS

[IDENTIFICATION]

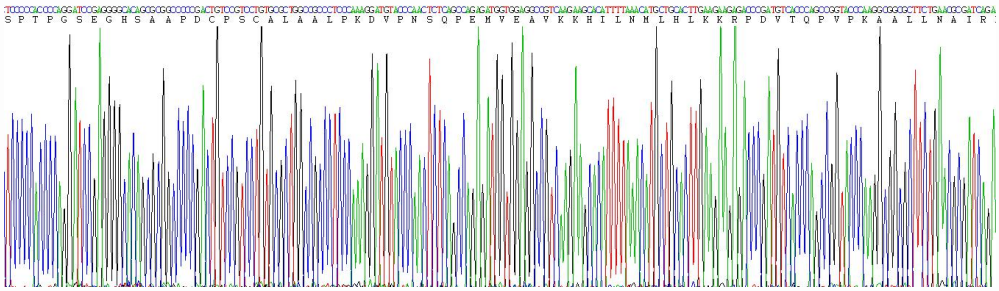

Figure 1. Gene Sequencing (extract)

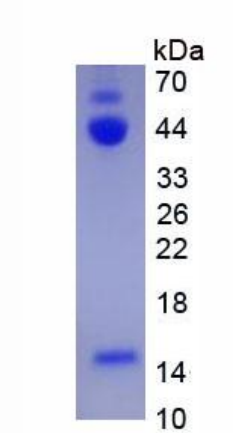

Figure 2. SDS-PAGE