YBH776Ra01 50μg

# Recombinant Inter Alpha-Globulin Inhibitor H4 (ITIH4)

Organism Species: Rattus norvegicus (Rat)

*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:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Thr478~Val722

**Tags:** Two N-terminal Tags, His-tag and GST-tag

**Tissue Specificity:** Liver.

**Purity:** >92%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

**Original Concentration:** 200ug/mL

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

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

**Predicted isoelectric point:** 6.7

**Predicted Molecular Mass:** 58.7kDa

**Accurate Molecular Mass:** 57kDa as determined by SDS-PAGE reducing conditions.

## [ USAGE ]

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

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## [ 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 ]

TRY NFQHHFKGSE MVVAGKLRDQ
GPDVLLAKVS GQMHLQNITF QTEASIAQQE KEFQGPKYIF HNFMERLWAL
LTIQQQLEQR ISASGAELEA LEAQVLNLSL KYNFVTPLTH MVVTKPEDQE
QFQVAEKPTE VDGGVWSILS AVQRHFKTPT TGSKLLTSRL RGNRFQTLSR
LGDGLVGSRQ YMPPPGLPGP PGLPGPPGPP GHPHFASSID YGRQPSLGRV
LDLPSLSSQD PAGPSLAMLP KV

## [ IDENTIFICATION ]

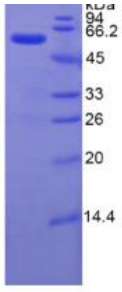

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**Figure 1. SDS-PAGE**