

RPH779Hu01 1mg

Recombinant Inter Alpha-Globulin Inhibitor H1 (ITIH1)

Organism Species: *Homo sapiens* (Human)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser507~Asp819

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 5% Trehalose .

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 5.4

Predicted Molecular Mass: 38.5kDa

Accurate Molecular Mass: 38kDa 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.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

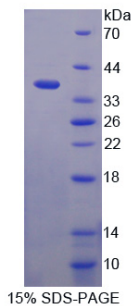
Aliquot and store at -80°C for 12 months.

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**]

SEIV VAGRIADNKQ SSFKADVQAH GEGQEFSITC LVDEEEMKKL
LRERGHMLEN HVERLWAYLT IQELLAKRMK VDREERANLS SQALQMSLDY
GFVTPLTSMS IRGMADQDGL KPTIDKPSED SPPLEMLGPR RTFVLSALQP
SPTHSSSNTQ RLPDRVTGVD TDPHFIIHVP QKEDTLCFNI NEEPGVILSL
VQDPNTGFSV NGQLIGNKAR SPGQHDGTYF GRLGIANPAT DFQLEVTPQN
ITLNPGFGGP VFSWRDQAVL RQDGVVVTIN KKRNLVVSVD DGGTFEVVLH
RVWKGSSVHQ DFLGFYVLD

[IDENTIFICATION]



[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.