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**YBA933Hu01 50µg**

**Recombinant Intelectin 1 (ITLN1)**

**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:** Prokaryotic expression.

**Host:** *E. coli*

**Residues:** Cys31~Gly253

**Tags:** N-terminal His-Tag

**Homology:** Mouse 81%, rat 80%

**Tissue Specificity:** Intestine, heart, testis, spleen.

**Subcellular Location:** Cell membrane; Lipid-anchor, GPI-anchor. Secreted.

**Purity:** >90%

**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, 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:** 7.2

**Predicted Molecular Mass:** 28.4kDa

**Accurate Molecular Mass:** 28kDa 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 ]

```
                                C S S S P S L P R S   C K E I K D E C P S
A F D G L Y F L R T   E N G V I Y Q T F C   D M T S G G G G W T   L V A S V H E N D M   R G K C T V G D R W
S S Q Q G S K A V Y   P E G D G N W A N Y   N T F G S A E A A T   S D D Y K N P G Y Y   D I Q A K D L G I W
H V P N K S P M Q H   W R N S S L L R Y R   T D T G F L Q T L G   H N L F G I Y Q K Y   P V K Y G E G K C W
T D N G P V I P V V   Y D F G D A Q K T A   S Y Y S P Y G Q R E   F T A G F V Q F R V   F N N E R A A N A L
C A G
```

## [ IDENTIFICATION ]

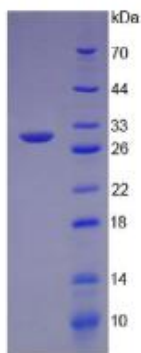


Figure 1. SDS-PAGE



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