

RPA777Mu01 100µg
Recombinant Inducible T-Cell Co Stimulator (ICOS)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Asn35~Ile131

Tags: N-terminal His-Tag

Tissue Specificity: Spleen, Lung, Liver, Brain.

Subcellular Location: Membrane; Single-pass type I membrane protein.

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; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 7.8

Predicted Molecular Mass: 12.2kDa

Accurate Molecular Mass: 12kDa 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**]

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

[**IDENTIFICATION**]

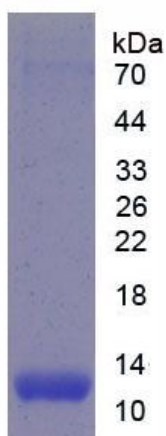


Figure 1. SDS-PAGE