

Mouse Recombinant Interleukin 10 Receptor Alpha (IL10Ra)

Catalog # IC8626

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

PROPERTIES

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Leu17~Ile241

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

Tissue Specificity: Brain, Lung, Liver, Kidney.

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

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: 100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

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: 6.8

Predicted Molecular Mass: 56.3kDa

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

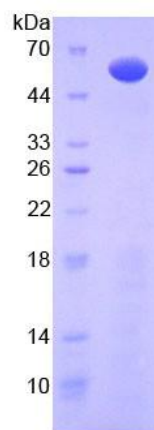


Figure 2. SDS-PAGE

USAGE

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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]



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LEFI AYGTELPSPS YVWFEARFFQ HILHWKPIP  
QSESTYYEVA LKQYGNSTWN DIHICRKAQA LSCDLTTFTL DLYHRSYGYR  
ARVRAVDNSQ YSNWTTTETR FTVDEVILTV DSVTLKAMDG IIYGTIHPPR  
PTITPAGDEY EQVFKDLRVY KISIRKFSEL KNATKRVKQE TFTLTVPIGV  
RKFCVKVLPR LESRINKAEW SEEQCLLITT EQYFTVTNLS I
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[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.

