# **Recombinant Interferon Regulatory Factor 5 (IRF5) Instruction Manual**

# SIPB822Hu01

### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular Location Nucleus, Cytoplasm

**Predicted Molecular Mass** 42.2kDa

Accurate Molecular Mass 42kDa(Analysis of differences refer to the manual)

**Residues & Tags** Tyr136~Ala475 with N-terminal His Tag

**Buffer Formulation** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Traits** Freeze-dried powder

Purity > 90% Isoelectric Point 5.0

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

#### **SEQUENCE**

			YSFGA	GEEEEEEEL
QRMLPSLSLT	<b>EDVKWPPTLQ</b>	PPTLRPPTLQ	PPTLQPPVVL	GPPAPDPSPL
APPPGNPAGE	RELLSEVLEP	<b>GPLPASLPPA</b>	GEQLLPDLLI	SPHMLPLTDL
EIKFQYRGRP	PRALTISNPH	<b>GCRLFYSQLE</b>	ATQEQVELFG	PISLEQVRFP
SPEDIPSDKQ	RFYTNQLLDV	LDRGLILQLQ	GQDLYAIRLC	QCKVFWSGPC
ASAHDSCPNP	IQREVKTKLF	SLEHFLNELI	LFQKGQTNTP	PPFEIFFCFG
EEWPDRKPRE	KKLITVQVVP	VAARLLLEMF	SGELSWSADS	IRLQISNPDL
	LHHIWOSOOR			

# **USAGE**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

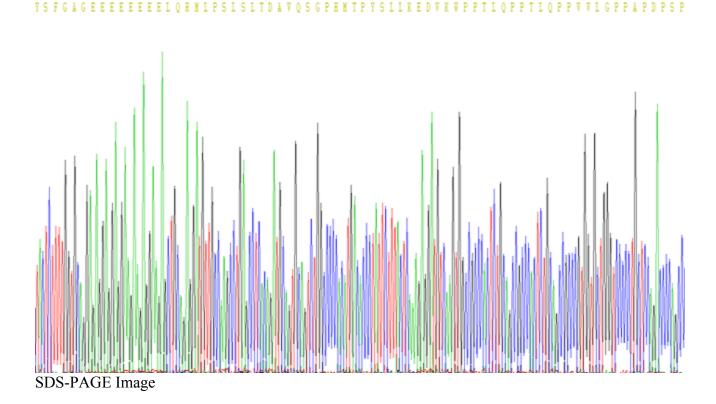
#### **STORAGE**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

#### **STABILITY**

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.





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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.