# Recombinant Baculoviral IAP Repeat Containing Protein 2 (BIRC2) Instruction Manual

## SIPE410Hu02

#### 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** 60.2kDa

Accurate Molecular Mass 58kDa(Analysis of differences refer to the manual)

Residues & Tags Phe344~Gln593 with N-terminal His and GST Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 5.5

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

#### **SEQUENCE**

				FVDEIQG
RYPHLLEQLL	STSDTTGEEN	ADPPIIHEGP	GESSSEDAVM	MNTPVVKSAL
EMGFNRDLVK	QTVQSKILTT	GENYKTVNDI	VSALLNAEDE	KREEEKEKQA
EEMASDDLSL	IRKNRMALFQ	QLTCVLPILD	NLLKANVINK	QEHDIIKQKT
QIPLQARELI	DTILVKGNAA	ANIFKNCLKE	IDSTLYKNLF	VDKNMKYIPT
EDVSGLSLEE	QLRRLQEERT	CKVCMDKEVS	VVFIPCGHLV	VCQ

#### **USAGE**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **STORAGE**

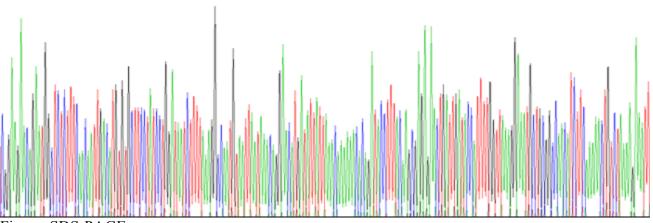
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

#### **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.

#### **Image**

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### Figure. SDS-PAGE

#### [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.