**RPD466Ra01 50µg**

**Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a)**

**Organism Species: *Rattus norvegicus (Rat)***

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

## [ PROPERTIES ]

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Arg24~Glu348

**Tags:** N-terminal His Tag

**Subcellular Location:** Nucleus

**Purity:** > 97%

**Traits:** Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

**Original Concentration:** 2000μg/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:** 6.5

**Predicted Molecular Mass:** 38.5kDa

**Accurate Molecular Mass:** 38kDa 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 2-8ºC for one month.

Aliquot and store at -80ºC 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 ]

```
                          RCRRSKE TEVFYELAHE LPLPHSVSSH
LDKASIMRLA ISFLRTHKLL SSVCSENESE AEADQQMDNL YLKALEGFIA
VVTQDGDMIF LSENISKFMG LTQVELTGHS IFDFTHPCDH EEIRENLTLK
TGSGFGKKNK DRSTERDFFM RMKCTVTNRG RTVNLKSATW KVLHCTGQVR
VYNNCPPHSS LCGYKEPLLS CLIIMCEPIQ HPSHMDIPLD SKTFLSRHSM
DMKFTYCDDR ILELVGYHPE ELLGRSAYEF YHALDSENMT KSHQNLCTKG
QVVSGQYRML AKHGGYVWLE TQGTVVYNPR NLQPQCIMCV NYVLSEIE
```

## [ IDENTIFICATION ]

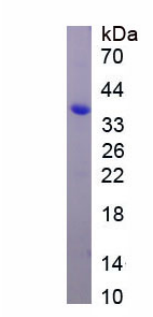


Figure. SDS-PAGE

## [ 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.