

RPD466Hu02 50µg

Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a)

Organism Species: *Homo sapiens* (Human)

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: Lys29~Ile347

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose .

Original Concentration: 1000µg/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: 40.1kDa

Accurate Molecular Mass: 40kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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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                                KE  TEV FYELAHE  LPLPHSVSSH
LDKASIMRLA  ISFLRTHKLL  SSVCSENESE  AEADQQMDNL  YLKALEGFIA
VVTQDGMIF   LSENISKFMG   LTQVELTGHS  IFDFTHPCDH  EEIRENLSLK
NGSGFGKSK   DMSTERDFFM   RMKCTVTNRG  RTVNLKSATW  KVLHCTGQVK
VYNNCPPHNS  LCGYKEPLLS   CLIIMCEPIQ  HPSHMDIPLD  SKTFLSRHSM
DMKFTYDDR   ITELIGYHPE   ELLGRSAYEF  YHALDSENMT  KSHQNLCTKG
QVVSQYRML   AKHGGYVWLE   TQGTVIYNPR  NLQPQCIMCV  NYVLSEI
    
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[IDENTIFICATION]

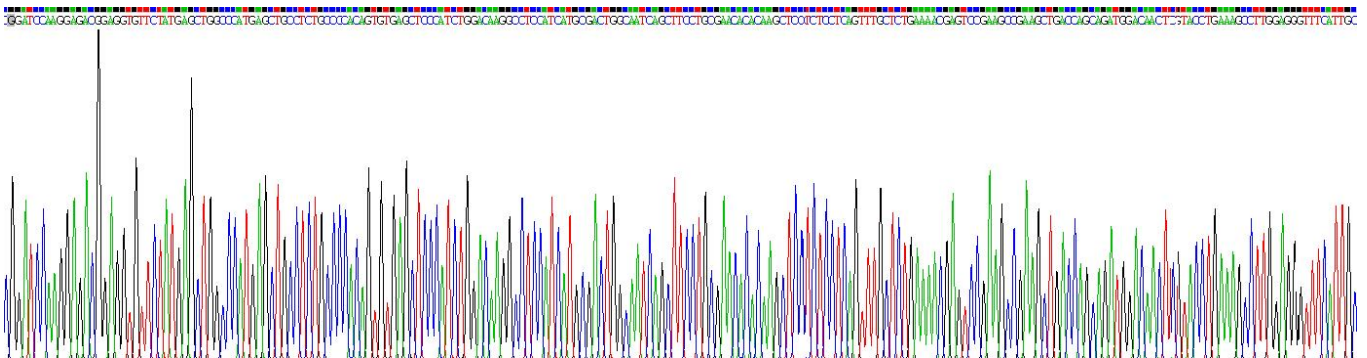


Figure . Gene Sequencing (extract)

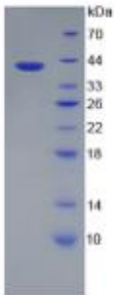


Figure. SDS-PAGE

[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.