Recombinant Hypoxia Inducible Factor 2 Alpha (HIF2a) Instruction Manual

SIPD563Ra01

Rattus norvegicus (Rat)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationNucleusPredicted Molecular Mass38.5kDa

Accurate Molecular Mass 38kDa(Analysis of differences refer to the manual)

Residues & Tags Arg24~Glu348 with N-terminal His 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 > 97% Isoelectric Point 6.5

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

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

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

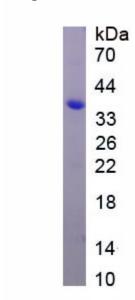


Figure. SDS-PAGE

[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.