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Recombinant Hypoxia Inducible Factor 1 Alpha (HIF1a)

Catalog Number: SIPA180Ra02 **Spec: 200ug**

Product Name	Recombinant Hypoxia Inducible Factor 1 Alpha (HIF1a)
Catalog Number	SIPA180Ra02
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Ser641~Asn810
Tags	N-terminal His Tag
Subcellular Location	Nucleus, Cytoplasm
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Original Concentration	250μg/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	8.6
Predicted Molecular Mass	20.2kDa
Accurate Molecular Mass	21kDa 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

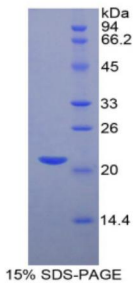
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

SPPSTQVPQE
MTTAKASAYS GTHSRTASPD RAGKRVIEKT DKAHPRSLNL SVTLNQRNTV
PEEELNPRTI ALQNAQRKRK MEHDGSLFQA AGIGTLLQQP GDRAPTMSLS
WKRVKGYISS EQDGMEQKTI FLIPSDLACR LLGQSMDESG LPQLTSYDCE
VNAPIQGSRN

[IDENTIFICATION]



15% 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.