

Recombinant Rat Hif1a protein, His-tagged

Cat. No. Hif1a-7720R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hif1a aa. (Ser641~Asn810 (Accession # O35800)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser641~Asn810
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 20.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 8.6.
Applications	SDS-PAGE; WB; ELISA; IP.
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.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Hif1a hypoxia inducible factor 1 alpha subunit [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Hif1a
Synonyms	MOP1; hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor); hypoxia-inducible factor 1 alpha; hypoxia-inducible factor 1-alpha
Gene ID	29560
mRNA Refseq	NM_024359.1
Protein Refseq	NP_077335.1
UniProt ID	O35800

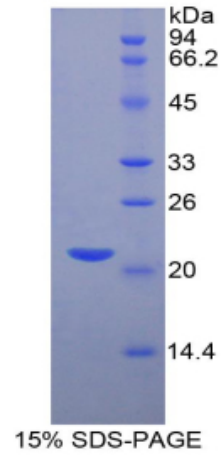
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SDS-PAGE



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