Recombinant Rat Hif1a protein, His-tagged

Cat. No. Hif1a-7719R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hif1a aa. (Pro216~Val336) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Pro216~Val336
Form	Freeze-dried powder
Molecular Mass	16kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	>92%
Characteristic	The isoelectric point is 5.6.
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
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.

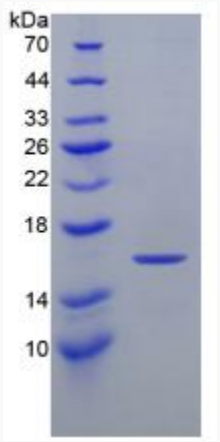
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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200μg/mL
Storage buffer	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Reconstitution	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Hif1a hypoxia inducible factor 1 alpha subunit [Rattus norvegicus (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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