# Recombinant Rat Hif1a protein, His-tagged

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

## SPECIFICATION

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| **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 1μg (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. |

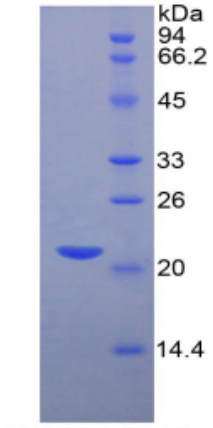
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| **Storage** | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| **Storage buffer** | Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl. |
| **Reconstitution**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

## GENE INFORMATION

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| **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** | <br>15% SDS-PAGE |

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