Recombinant Rat Hif1a protein, His-tagged

Cat. No. Hif1a-4683R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hif1a protein(O35800)(380-585 aa), fused with N-terminal His tag, was expressed in Yeast.
Species	Rat
Source	Yeast
ProteinLength	380-585 aa
Form	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
Molecular Mass	28.0 kDa
AASequence	SEDTSCLFDKLKKEPDALTLLAPAAGDTIISLDFGSDDTETEDQQLEDVPLYNDVMFP SSNEKLNINLAMSPLPASETPKPLRSSADPALNQEVALKLESSPESLGLSFTMPQIQD QPASPSDGSTRQSSPEPNSPSEYCFDVDSDMVNVFKLELVEKLFAEDTEAKNPFSA QDTDLDLEMLAPYIPMDDDFQLRSFDQLSPLESN
Purity	Greater than 90% as determined by SDS-PAGE. Greater than 95% as determined by SEC-HPLC.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

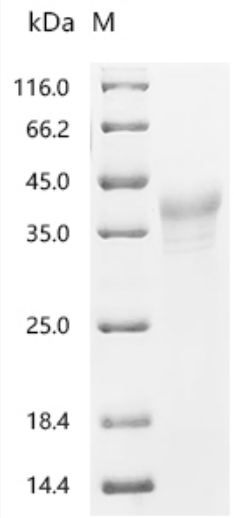
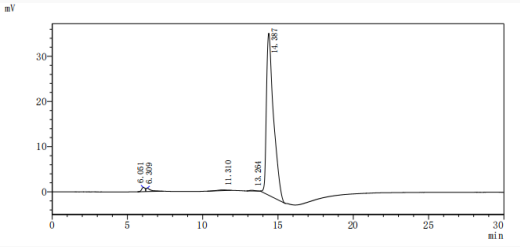
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	repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein indeionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

GENE INFORMATION

Gene Name	Hif1a hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) [Rattus norvegicus]
Official Symbol	Hif1a
Synonyms	HIF1A; hypoxia-inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor); hypoxia-inducible factor 1-alpha; HIF1 alpha; HIF1-alpha; HIF-1 alpha; HIF-1-alpha; hypoxia-inducible factor 1 alpha; hypoxia inducible factor 1, alpha subunit; MOP1;
Gene ID	29560
mRNA Refseq	NM_024359
Protein Refseq	NP_077335

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SDS-PAGE	
SEC-HPLC	

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