

Recombinant Mouse Hif1a protein, His-tagged

Cat. No. Hif1a-4701M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hif1a protein(Q61221)(380-585 aa), fused with N-terminal His tag, was expressed in Yeast.
Species	Mouse
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	24.2 kDa
AASequence	<p>SEDTSCLFDKLLKKEPDALTLLAPAAGDTIISLDFGSDDTETEDQQLEDVPLYNDVMFP</p> <p>SSNEKLNINLAMSPSPSETPKPLRSSADPALNQEVALKLESSPESLGLSFTMPQIQD</p> <p>QPASPSDGSTRQSSPERLLQENVNTPNFSQPNSPSEYCFDVSDDMVNVFKLELVEK</p> <p>LFAEDTEAKNPFSTQDSDLLEMLAPYIPMDDDF</p>
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution Please reconstitute protein in deionized 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 [*Mus musculus*]

Official Symbol Hif1a

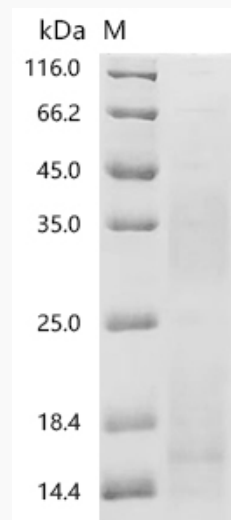
Synonyms HIF1A; hypoxia inducible factor 1, alpha subunit; hypoxia-inducible factor 1-alpha; HIF1-alpha; HIF-1-alpha; ARNT-interacting protein; MOP1; bHLHe78; AA959795; HIF1alpha;

Gene ID 15251

mRNA Refseq NM_010431

Protein Refseq NP_034561

SDS-PAGE



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