

## Recombinant Human HIF1A, His tagged

Cat. No. HIF1A-3092H    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human HIF1A (Q16665-1) N-terminal segment (Arg 575-Asn 826), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	575-826 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4
<b>Molecular Mass</b>	The recombinant human HIF1A consisting of 259 amino acids and has a calculated molecular mass of 28.4 kDa. It migrates as an approximately 34 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~ -70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

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## GENE INFORMATION

Gene Name	HIF1A hypoxia inducible factor 1, alpha subunit (basic helix-loop-helix transcription factor) [ Homo sapiens ]
Official Symbol	HIF1A
Gene ID	3091
mRNA Refseq	NM_001243084
Protein Refseq	NP_001230013
MIM	603348
UniProt ID	Q16665

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