



# Recombinant Human Hypoxia-inducible factor 3-alpha (HIF3A)

<b>Product Code</b>	CSB-EP896696HU-B
<b>Abbreviation</b>	HIF3A
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9Y2N7
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MALGLQRARS TTELKREKSR DAARSRRSQE TEVLYQLAHT LPFARGVSAH LDKASIMRLT ISYLRMHRLC AAGEWNQVGA GGEPLDACYL KALEGFVMVL TAEGDMAYLS ENVSKHLGLS QLELIGHSIF DFIHPCDQEE LQDALTPQQT LSRRKVEAPT ERCFSLRMKS TLTSRGRTLN LKAATWKVLN CSGHMRAYKP PAQTSPAGSP DSEPPLQCLV LICEAIPHPG SLEPPLGRGA FLSRHSMDMK FTYCDDRIAE VAGYSPDDLI GCSAYEYIHA LDSDAVSKSI HTLLSKGQAV TGQYRFLARS GGYLWTQTQA TVVSGGRGPQ SESIVCVHFL ISQVEETGVV LSLEQTEQHS RRPIQRGAPS QKDTPNPGDS LDTPGPRILA FLHPPSLSEA ALAADPRRFC SPDLRLLGP ILDGASVAAT PSTPLATRHP QSPLSADLPD ELPVGTENVH RLFTSGKDTE AVETDLIAQ DADALDLEML APYISMDDDF QLNASEQLPR AYHRPLGAVP RPRARSFHGL SPPALEPSLL PRWGSDPRLS CSSPSRGDPS ASSPMAGARK RTLAQSSSEDE DEGVELLGVR PPKRSPSPEH ENFLFPLSL SFLLTGGPAP GSLQDPSTPL LNLNEPLGLG PSELLSPYSDE DTTQPGGPFQ PRAGSAQAD
<b>Source</b>	E.coli
<b>Target Names</b>	HIF3A
<b>Protein Names</b>	Recommended name: Hypoxia-inducible factor 3-alpha Short name= HIF-3-alpha Short name= HIF3-alpha Alternative name(s): Basic-helix-loop-helix-PAS protein MOP7 Class E basic helix-loop-helix protein 17 Short name= bHLHe17
<b>Expression Region</b>	1-669
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is the alpha-3 subunit of one of several alpha/beta-subunit heterodimeric transcription factors that regulate many adaptive responses to low oxygen tension (hypoxia). The alpha-3 subunit lacks the transactivation domain



found in factors containing either the alpha-1 or alpha-2 subunits. It is thought that factors containing the alpha-3 subunit are negative regulators of hypoxia-inducible gene expression. At least three transcript variants encoding three different isoforms have been found for this gene.

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**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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