

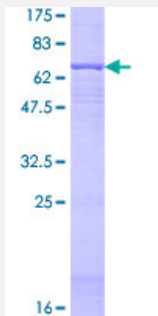
Full-Length

HIF3A (Human) Recombinant Protein (P01)

Catalog # H00064344-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HIF3A full-length ORF (AAH26308.1, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MALGLQRARSTTELRLKEKSRDAARSRRSQETEVLYQLAHTLPFARGVSAHLDKASIMRLTISYLRM
HRLCAAGEWNQVGAGGEPLDACYLKALEGFVMVLTAEGDMAYLSENVSKHLGLSQLELIGHSIF
DFIHPCDQEELQDALTPQQLSRRKVEARTERCFSLRMKSTLTSRGRTLNLKAATWKVLNCSGH
MRAYKPPAQTSAGSPDSEPLQLCLVCEAIPHPGSLEPPLGRGAFLSRHSLDMKFTYCDDRIA
EVAGYSPDDLIGCSAYEYIHALDSDAVSKSIHTCMYPISPGAKPAATWPPADTRTPQLPIQDALPP
HLNTSSLLPKPQGTVSFLAPSYVPRSFSPHLPPWWP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

65.67

Interspecies Antigen Sequence

Mouse (82); Rat (80)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HIF3A

Entrez GeneID[64344](#)**GeneBank Accession#**[BC026308](#)**Protein Accession#**[AAH26308.1](#)**Gene Name**

HIF3A

Gene Alias

HIF-3A, HIF-3A2, HIF-3A4, IPAS, MOP7, PASD7, bHLHe17

Gene Description

hypoxia inducible factor 3, alpha subunit

Omim ID[609976](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

hypoxia-inducible factor-3 alpha 4|inhibitory PAS domain protein