Recombinant Full Length Human HIF1AN Protein, GST-tagged

Cat. No. HIF1AN-3467HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HIF1AN full-length ORF (AAH07719.1, 1 a.a. - 349 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	349 amino acids
Description	HIF1AN (Hypoxia Inducible Factor 1 Alpha Subunit Inhibitor) is a Protein Coding gene. Diseases associated with HIF1AN include Hypoxia and Anemia Of Prematurity. Among its related pathways are CDK-mediated phosphorylation and removal of Cdc6 and Photodynamic therapy-induced HIF-1 survival signaling. GO annotations related to this gene include protein homodimerization activity and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen, 2-oxoglutarate as one donor, and incorporation of one atom each of oxygen into both donors. An important paralog of this gene is HSPBAP1.
Molecular Mass	64.13 kDa
AA Sequence	MAATAAEAVASGSGEPREEAGALGPAWDESQLRSYSFPTRPIPRLSQSDPRAEELI ENEEPVVLTDTNLVYPALKWDLEYLQENIGNGDFSVYSASTHKFLYYDEKKMANFQ NFKPRSNREEMKFHEFVEKLQDIQQRGGEERLYLQQTLNDTVGRKIVMDFLGFNWN WINKQQGKRGWGQLTSNLLLIGMEGNVTPAHYDEQQNFFAQIKGYKRCILFPPDQF ECLYPYPVHHPCDRQSQVDFDNPDYERFPNFQNVVGYETVVGPGDVLYIPMYWW

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	HHIESLLNGGITITVNFWYKGAPTPKRIEYPLKAHQKVAIMRNIEKMLGEALGNPQEV GPLLNTMIKGRYN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	HIF1AN hypoxia inducible factor 1, alpha subunit inhibitor [Homo sapiens]
Official Symbol	HIF1AN
Synonyms	HIF1AN; hypoxia inducible factor 1, alpha subunit inhibitor; hypoxia-inducible factor 1-alpha inhibitor; DKFZp762F1811; FIH1; FLJ20615; FLJ22027; Peptide aspartate beta dioxygenase; FIH-1; factor inhibiting HIF1; factor inhibiting HIF-1; peptide-aspartate beta-dioxygenase; hypoxia-inducible factor asparagine hydroxylase;
Gene ID	55662
mRNA Refseq	NM_017902
Protein Refseq	NP_060372

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MIM	606615
UniProt ID	Q9NWT6

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