

Recombinant Human HIF1AN Protein, GST-tagged

Cat. No. HIF1AN-4748H **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	Wheat Germ
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 NFKPRSNREEMKHFHEFVEKLQDIQQRGGEERLYLQQTLNDDTVGRKIVMDFLGFNWN WINKQQGKRGWGQLTSNLLLIGMEGNVTPAHYDEQQNFFAQIKGYKRCILFPPDQF ECLYPYPVHHPCDRQSQVDFDNPDYERFPNFQNVVGYETVVGPGDVLVYIPMYWW HHIESLLNGGITITVNFWYKGAPTPKRIEYPLKAHQKVAIMRNIKMLGEALGNPQEV

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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

MIM

606615

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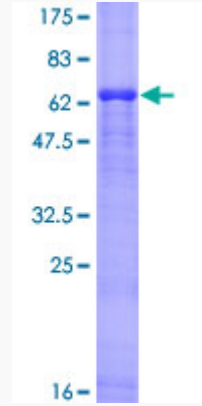
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UniProt ID

Q9NWT6

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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