

Recombinant Human HIF1AN

Cat. No. HIF1AN-29315TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human HIF1AN, amino acids 1-349, 40.2kDa.
Species	Human
Source	E.coli
ProteinLength	1-349 a.a.
Description	Hypoxia-inducible factor 1-alpha inhibitor is a protein that in humans is encoded by the HIF1AN gene.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20mM Tris HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MAATAAEAVA SGSGEPREEA GALGPAWDES QLRSYSFPTR PIPRLSQSDP RAEELIENEE PVVLTDTNLV YPALKWDLEY LQENIGNGDF SVYSASTHKF LYYDEKKMAN FQNFKPRSNR EEMKFHEFVE KLQDIQQRGG EERLYLQQTL NDTVGRKIVM DFLGFNWNWI NKQQGKRGWG QLTSNLLIG MEGNVTPAHY DEQQNFFAQI KGYKRCILFP PDQFECLYPY PVHHPCDRQS QVDFDNPDYE

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RFPNFQNVVG YETVVGPGDV LYIPMYWWHH IESLLNGGIT ITVNFWYKGA
PTPKRIEYPL KAHQKVAIMR NIEKMLGEAL GNPQEVGPLL NTMIKGRYN

Sequence Similarities Contains 1 JmjC domain.

Full Length Full L.

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;

Gene ID [55662](#)

mRNA Refseq [NM_017902](#)

Protein Refseq [NP_060372](#)

MIM [606615](#)

Uniprot ID [Q9NWT6](#)

Chromosome Location 10q24

Pathway HIF-2-alpha transcription factor network, organism-specific biosystem; Hypoxic and

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oxygen homeostasis regulation of HIF-1-alpha, organism-specific biosystem;

Function

metal ion binding; oxidoreductase activity; oxidoreductase activity, acting on single donors with incorporation of molecular oxygen, incorporation of two atoms of oxygen; peptide-aspartate beta-dioxygenase activity; protein binding;

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