

Recombinant Full Length Human HIF1AN Protein, C-Flag-tagged

Cat. No. HIF1AN-1402HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HIF1AN Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables several functions, including 2-oxoglutarate-dependent dioxygenase activity; NF-kappaB binding activity; and transition metal ion binding activity. Involved in several processes, including negative regulation of Notch signaling pathway; negative regulation of transcription from RNA polymerase II promoter in response to hypoxia; and protein hydroxylation. Located in cytosol; nucleoplasm; and perinuclear region of cytoplasm. Colocalizes with nucleus.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.1 kDa
AA Sequence	MAATAAEAVASGSGEPREEAGALGPAWDESQLRSYSFPTRPIPRLSQSDPRAEELI ENEEPVVLTDNLV YPALKWDLEYLQENIGNGDFSVYSASTHKFLYYDEKMANFQ NFKPRSNREEMKFHEFVEKLQDIQQRGG EERLYLQQTLNDTVGRKIVMDFLGFNW NWINKQQGKRGWGQLTSNLLLIGMEGNVTPAHYDEQQNFFAQI KGYKRCILFPPDQ FECLYPYPVHHPCDRQSQVDFDNPDYERFPNFQNVVGYETVVGPGDVLYIPMYWW HH IESLLNGGITITVNFWYKGAPTPKRIEYPLKAHQKVAIMRNIKMLGEALGNPQEV

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GPLLNTMIKGRYNTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining.

Stability Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

Storage Store at -80 centigrade.

Concentration >50 ug/mL as determined by microplate BCA method.

Preparation Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Protein Families Druggable Genome

Full Length Full L.

GENE INFORMATION

Gene Name [HIF1AN hypoxia inducible factor 1 subunit alpha inhibitor \[Homo sapiens \(human\) \]](#)

Official Symbol [HIF1AN](#)

Synonyms [FIH1](#)

Gene ID [55662](#)

mRNA Refseq [NM_017902.3](#)

Protein Refseq [NP_060372.2](#)

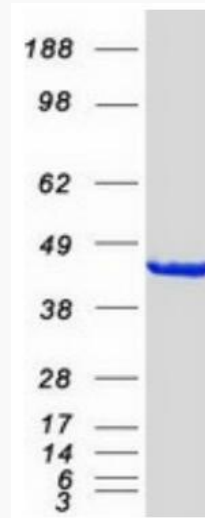
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MIM 606615

UniProt ID Q9NWT6



Coomassie blue staining of purified HIF1AN protein.

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