

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	MAATAAEAVASGSGEPREEAGALGPAWDESQLRSYSFPTRPIRLSQSDPRAEELI ENEEPVVLTDTNLV YPALKWDLEYLQENIGNGDFSVYSASTHKFLYYDEKKMANFQ NFKPRSNREEMKFHEFVEKLQDIQQRGG EERLYLQQTLDNTVGRKIVMDFLGFNW NWINKQQGKRGWGQLTSNLLLIGMEGNVTPAHYDEQQNFFAQI KGYKRCILFPPDQ FECLYPYPVHHPCDRQSQVDFDNPDYERFPNFQNVVGYETVVGPGDVLYIPMYWW HH IESLLNGGITITVNFYWKGAFTPKRIEYPLKAHQKVAIMRNIKMLGEALGNPQEV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

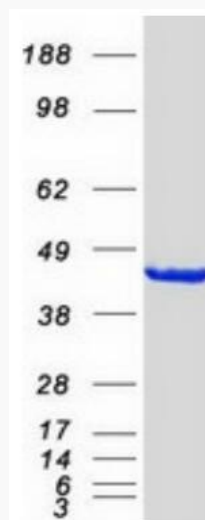
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 606615

UniProt ID Q9NWT6



Coomassie blue staining of purified HIF1AN protein.

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA