

Recombinant Human HIF1AN protein, GST-tagged

Cat. No. HIF1AN-30176H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HIF1AN (1-349 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Asn349
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAATAAEAVASGSGEPREEAGALGPAWDESQLRSYSFPTRPIPRLSQSDPRAEELI ENEEPVVLTDTNLVYPALKWDLEYLQENIGNGDFSVYSASTHKFLYYDEKKMANFQ NFKPRSNREEMKFHEFVEKLQDIQQRGGEERLYLQQTLNNDTVGRKIVMDFLGFNWN WINKQQGKRGWGQLTSNLLLIGMEGNVTPAHYDEQQNFFAQIKGYKRCILFPPDQF ECLYPYPVHHPCDRQSQVDFDNPDYERFPNFQNVVGYETVVGPGDVLVYIPMYWW HHIESLLNGGITITVNFWYKGAPTPKRIEYPLKAHQKVAIMRNIKMLGEALGNPQEV GPLLNTMIKGRYN
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.

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Storage

Short-term storage: Store at 2-8°C for (1-2 weeks).

Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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](#)

UniProt ID [Q9NWT6](#)

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