

Recombinant Human EGLN2 Protein, MYC/DDK-tagged

Cat. No. EGLN2-399H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGLN2, transcript variant 1, fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	43.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	EGLN2 egl nine homolog 2 (C. elegans) [Homo sapiens]
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Official Symbol	EGLN2
Synonyms	EGLN2; egl nine homolog 2 (C. elegans); EGL nine (C.elegans) homolog 2; egl nine homolog 2; HIF prolyl hydroxylase 1; HIFPH1; PHD1; estrogen-induced tag 6; HIF-prolyl hydroxylase 1; hypoxia-inducible factor prolyl hydroxylase 1; prolyl hydroxylase domain-containing protein 1; EIT6; HPH-1; HPH-3; HIF-PH1; FLJ95603; DKFZp434E026;
Gene ID	112398
mRNA Refseq	NM_053046
Protein Refseq	NP_444274
MIM	606424
UniProt ID	Q96KS0

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