# Recombinant Human EGLN2 Protein, His-tagged

**Cat. No.** EGLN2-450H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human EGLN2, transcript variant 3, fused with His tag at N-terminal was expressed in E. coli. |
| **Species** | Human |
| **Source** | E.coli |
| **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 degration 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** | 25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade entigradeentigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months fr om receipt of products under proper storage and handling conditions. |
| **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

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| **Gene Name** | EGLN2 egl nine homolog 2 (C. elegans) [ Homo sapiens ] |
| **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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