

## Recombinant Human EGLN2 protein, His-tagged

**Cat. No.** EGLN2-2840H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EGLN2 protein(Q96KS0)(283-407aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                            |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 283-407aa                                                                                                                                                                                                                                        |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p> |
| <b>Molecular Mass</b>   | 18.1 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | MVACYPGNGLGYVRHVDNPHGDGRCITCIYYLNQNWVDKVVHGGLLQIFPEGRPVV<br>ANIEPLFDRLLIFWSDRRNPHEVKPAYATRYAITVWYFDAKERAAAKDKYQLASGQK<br>GVQVPVSPPTPT                                                                                                            |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                   |

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**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

**GENE INFORMATION**

**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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