

EGLN1 Protein, Human, Recombinant (His)

General Information

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| Synonyms: | Egl nine homolog 1;EGLN1;C1orf12;Prolyl hydroxylase domain-containing protein 2 (PHD2); Hypoxia-inducible factor prolyl hydroxylase 2 (HIF-PH2;HIF-prolyl hydroxylase 2;HPH-2);SM-20 |
| Protein Construction: | 177-426 aa |
| Species: | Human |
| Expression Host: | E. coli |
| Accession: | Q9GZT9 |
| Molecular Weight: | 31.9 kDa (Predicted) |
| AA Sequence: | GGLRPNGQTKPLPALKLALEYIVPCMKNKHGICVVDDFLGKETGQQIGDEVRALHDTGKFTDGQLVSQKSDSS KDIRGDKITWIEGKEPGCETIGLLMSSMDDLIRHCCNGKLGSYKINGRTKAMVACYPGNGTGYVRHVDNPNNGD GRCVTCIYYLNKDWDAAKVS GGILRIFPEGKAQFADIEPKFDRLLFFWSDRRNPHEVQPAYATRYAITVWYFDA DERARAKVKYLTGEKGVRVELNKP S D S V G K D V F |

QC Testing

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| Biological Activity: | Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first. |
| Purity: | > 90% as determined by SDS-PAGE. |
| Endotoxin: | Not tested. |
| Formulation: | Lyophilized from PBS, 6% Trehalose, pH 7.4 |

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 293 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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