

EGLN2 Protein, Human, Recombinant (His & SUMO)

General Information

Synonyms:	Hypoxia-inducible factor prolyl hydroxylase 1 (HIF-PH1;HIF-prolyl hydroxylase 1;HPH-1); Prolyl hydroxylase EGLN2;Estrogen-induced tag 6 (EIT-6);EGLN2;HPH-3;EIT6;Egl nine homolog 2;Prolyl hydroxylase domain-containing protein 1 (PHD1)
Protein Construction:	283-407 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q96KS0
Molecular Weight:	32.3 kDa (Predicted)
AA Sequence:	MVACYPGNGLGYVRHVDNPHGDGRCITCIYYLNQNWVDVKVHGGLLQIFPEGRPVVANIEPLFDRLLIFWSDR RNPHEVKPAYATRYAITVWYFDAKERAALKDKYQLASGQKGVQVPVSPPTPT

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Purity:	>90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

Preparation and Storage

Reconstitution:	Reconstitute the lyophilized protein in sterile deionized 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 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.
Shipping:	In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481