

Recombinant Human EGLN1 protein, His-tagged

Cat. No. EGLN1-4796H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EGLN1 protein(Q9GZT9)(177-426aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	177-426aa
Form	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.
Molecular Mass	31.9 kDa
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

AA Sequence

GGLRPNGQTKPLPALKLALEYIVPCMNKHGICVDDFLGKETGQQIGDEVRLHDTG
KFTDGQLVSQKSDSSKDIRGDKITWIEGKEPGCETIGLLMSSMDDLIRHCNGKLGSY
KINGRTKAMVACYPGNGTGYVRHVDNPNNGDGRCVTCIYYLNKDWDAAKVS GGILRIF
PEGKAQFADIEPKFDRLLFFWSDRRNPHEVQPAYATRYAITVWYFDADERARAKVK
YLTGEKGV RVELNKPSDSVGKDVF

GENE INFORMATION
Gene Name

EGLN1 egl nine homolog 1 (C. elegans) [Homo sapiens]

Official Symbol

EGLN1

Synonyms

EGLN1; egl nine homolog 1 (C. elegans); C1orf12, EGL nine (C.elegans) homolog 1; egl nine homolog 1; HIF prolyl hydroxylase 2; HIFPH2; PHD2; SM 20; ZMYND6; egl nine-like protein 1; HIF-prolyl hydroxylase 2; zinc finger MYND domain-containing protein 6; hypoxia-inducible factor prolyl hydroxylase 2; prolyl hydroxylase domain-containing protein 2; HPH2; SM20; ECYT3; HPH-2; C1orf12; HIF-PH2; DKFZp761F179

Gene ID

54583

mRNA Refseq

NM_022051

Protein Refseq

NP_071334

MIM

606425

UniProt ID

Q9GZT9

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