

Recombinant Full Length Human EGLN3 Protein, GST-tagged

Cat. No. EGLN3-4262HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EGLN3 full-length ORF (NP_071356.1, 1 a.a. - 239 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	239 amino acids
Description	EGLN3 (Egl-9 Family Hypoxia Inducible Factor 3) is a Protein Coding gene. Diseases associated with EGLN3 include Hypoxia and Chronic Mountain Sickness. Among its related pathways are CDK-mediated phosphorylation and removal of Cdc6 and Development HGF signaling pathway. GO annotations related to this gene include oxidoreductase activity and oxidoreductase activity, acting on paired donors, with incorporation or reduction of molecular oxygen. An important paralog of this gene is EGLN2.
Molecular Mass	53.7 kDa
AA Sequence	MPLGHIMRLDLEKIALEYIVPCLHEVGFCYLDNFLGEVVGDCVLERVKQLHCTGALR DGQLAGPRAGVSKRHLRGDQITWIGGNEEGCEAISFLLSLIDRLVLYCGSRLGKYYV KERSKAMVACYPGNGTGYVRHVDNPNGDGRCITCIYYLNKNWDAKLHGGILRIFPE GKSFIADVPEIFDRLLFFWSDRRNPHEVQPSYATRYAMTVWYFDAEERAEAKKKFR NLTRKTESALTED

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EGLN3 egl nine homolog 3 (C. elegans) [Homo sapiens]
Official Symbol	EGLN3
Synonyms	EGLN3; egl nine homolog 3 (C. elegans); EGL nine (C.elegans) homolog 3; egl nine homolog 3; HIF prolyl hydroxylase 3; HIFPH3; PHD3; HPH-1; HPH-3; HIF-PH3; HIF-prolyl hydroxylase 3; egl nine-like protein 3 isoform; hypoxia-inducible factor prolyl hydroxylase 3; prolyl hydroxylase domain-containing protein 3; FLJ21620; MGC125998; MGC125999;
Gene ID	112399
mRNA Refseq	NM_022073
Protein Refseq	NP_071356
MIM	606426

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UniProt ID

Q9H6Z9

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