

Recombinant Human EGLN2 Protein, GST-tagged

Cat. No. EGLN2-3118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EGLN2 full-length ORF (AAH36051, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The hypoxia inducible factor (HIF) is a transcriptional complex that is involved in oxygen homeostasis. At normal oxygen levels, the alpha subunit of HIF is targeted for degradation by prolyl hydroxylation. This gene encodes an enzyme responsible for this post-translational modification. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream RAB4B (RAB4B, member RAS oncogene family) gene. [provided by RefSeq, Feb 2011]
Molecular Mass	70.51 kDa
AA Sequence	MDSPCQPQPLSQALPQLPGSSSEPLEPEPGRARMGVESYLPCLLPSYHCPGVPS EASAGSGTPRATATSTTASPLRDGFGGQDGGELRPLQSEGAAALVTGKCQRLAAQ GARPEAPKRKWAEDGGDAPSPSKRPWARQENQEAEREGGMS CSCSSSGSGEASA GLMEEALPSAPERLALDYIVPCMRYYGICVKDSFLGAALGGRVLA EVEALKRGGRLR DGQLVSQRAIPPRSIRGDQIAWVEGHEPGCRSIGALMAHVDAVIRHCAGRLGSYVIN GRTKAMVACYPGNGLGYVRHVDNPHGDGRCITCIYYLNQNWVDVKVHGGLLQIFPE GRPVVANIEPLFDRLLIFWSDRRNPHEVKPAYATRYAITVWYFDAKERAAAKDKYQL

 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

ASGQKGVQVPVSQPPTPT

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

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

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

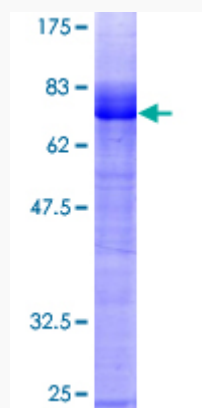
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 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM 606424

UniProt ID Q96KS0

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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