

Recombinant Human EGLN1

Catalog No: #GP11863



Package Size: #GP11863-1 100ug

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Description

Product Name	Recombinant Human EGLN1
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to C terminal 128 amino acids of human egl-9 family hypoxia-inducible factor 1
Target Name	egl-9 family hypoxia-inducible factor 1
Other Names	HPH2; PHD2; SM20; ECYT3; HPH-2; HIFPH2; ZMYND6; C1orf12; HIF-PH2
Accession No.	Swissprot:Q9GZT9Gene Accession:BC005369
Uniprot	Q9GZT9
GeneID	54583;
Storage	-20~-80°C, pH 7.6 PBS

Background

The protein encoded by this gene catalyzes the post-translational formation of 4-hydroxyproline in hypoxia-inducible factor (HIF) alpha proteins. HIF is a transcriptional complex that plays a central role in mammalian oxygen homeostasis. This protein functions as a cellular oxygen sensor, and under normal oxygen concentration, modification by prolyl hydroxylation is a key regulatory event that targets HIF subunits for proteasomal destruction via the von Hippel-Lindau ubiquitylation complex.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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