

EGLN1 抗原（重组蛋白）

中文名称： EGLN1 抗原（重组蛋白）

英文名称： EGLN1 Antigen (Recombinant Protein)

别名： egl-9 family hypoxia-inducible factor 1; HPH2; PHD2; SM20; ECT3; HPH-2; HIFPH2; ZMYND6; C1orf12; HIF-PH2

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to C terminal 128 amino acids of human EGLN1

技术规格

Full name:	egl-9 family hypoxia-inducible factor 1
Synonyms:	HPH2; PHD2; SM20; ECT3; HPH-2; HIFPH2; ZMYND6; C1orf12; HIF-PH2
Swissprot:	Q9GZT9
Gene Accession:	BC005369
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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 pathway.

tion complex.