

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; EGYT3; 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

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|---------------------------|---|
| Full name: | egl-9 family hypoxia-inducible factor 1 |
| Synonyms: | HPH2; PHD2; SM20; EGYT3; 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 complex. |