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EGLN3, 1-239aa, Human, His tag, E.coli

产品货号: TP01986

第三版

别名:Egl nine homolog 3, HIFPH3, PHD3

描述:EGLN3, a member of the EGLN family of prolyl hydroxylases, has been shown to catalyze hydroxylation of the α subunit of hypoxia-inducible factor-1 α , which targets hypoxia-inducible factor-1 α for ubiquitination by a ubiquitin ligase complex containing the von Hippel-Lindau (VHL) tumor suppressor. EGLN3 is the most important isozyme in limiting physiological activation of HIFs (particularly HIF2A) in hypoxia.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 0.3M NaCl, 5mM DTT, 2mM EDTA

分子量:29.8 kDa (263aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSHMPLGHIMRLDLEKIALEYIVPCLHEVGFYLDNFLGEVVGDCVLERVKQLHCTG
ALRDGQLAGPRAGVSKRHLRGDQITWIGGNEEGCEAISFLSLIDRLVLYCGSRLGKYYVKERSKAMVACYPGNGTGYVR
HVDNPNGDGRICITCIYYLNKNWDAKLHGGILRIFPEGKSFADVEPIFDRLFFWSDRRNPHEVQPSYATRYAMTVWYFD
AEERAEAKKKFRNLTRKTESALTED

纯度:> 95% by HPLC

浓度:0.25 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.