

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PIR, 1-290aa, Human, His tag, E.coli

产品货号: TP03416

第三版

别名: Pirin, Probable quercetin 2,3-dioxygenase PIR.

描述: PIR, also known as pirin, is a member of the cupin superfamily. PIR is an Fe(II)-containing nuclear protein expressed in all tissues of the body and concentrated within dot-like subnuclear structures. Interactions with nuclear factor I/CCAAT box transcription factor as well as B cell lymphoma 3-encoded oncoprotein suggest the encoded protein may act as a transcriptional cofactor and be involved in the regulation of DNA transcription and replication.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

分子量: 34.3 kDa (310aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSSKKVTLVLSREQSEGVGARVRRSIGRPELKNLDPFLLFDEFKGGPRGGFPDHPHRG
FETVSYLLEGGSM AHEDFCGHTGKMNPGDLQWMTAGRGILHAEMPCSEEP AHGLQLWVNLR SSEKMVEPQYQELKSEE
IPKPSKDGVTVAVISGEALGIKSKVYTRPTLYLDFKLDPGAKHSQPIPKGWTSFIYTI SGDVYIGPDDAQQKIEPHHTAVLG
EGDSVQVENKDPKRSHFVLIAGEPLREPVIQHGPVMMNTNEEISQAILDFRNAKNGFERAKTWKSKIGN

纯度: > 95% by HPLC

浓度: 1 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.