

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。

LCN2, 21-198aa, Human, His tag, E.coli

产品货号: TP02789

第三版

别名: Neutrophil gelatinase-associated lipocalin, Lipocalin-2, MSFI, NGAL, Oncogene 24p3, p25, HNL

描述: Neutrophil gelatinase-associated lipocalin (NGAL), also known as LCN2, belongs to the calycin superfamily and Lipocalin family. LCN2 is an iron-trafficking protein involved in multiple processes such as apoptosis, innate immunity and renal development. The binding of LCN2 to bacterial siderophores is important in the innate immune response to bacterial infection.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 1mM DTT, 50mM NaCl

分子量: 22.8kDa (199aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMQDSTSDLIPAPPLSKVPLQQNFQDNQFQGKWWYVGLAGNAILREDKDPQKMYATIYE  
LKEDKSYNVTSLFRKKKCDYWIRTFVPGCQPGFEFTLGNISYPGLTSLVRRVVSTNYNQHAMVFFKKVSQNREYFKITLY  
GRTKELTSELKENFIRFSKSLGLPENHIVFPVPIDQCIDG

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.