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Lcn2, 21-200aa , Mouse, His tag, E.coli

产品货号: TP02791

第三版

别名: Neutrophil gelatinase-associated lipocalin, 24p3, AW212229, Sip24

描述: Lcn2 also known as neutrophil gelatinase-associated lipocalin, 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. Also LCN2 functions as a growth factor. LCN2 is strongly upregulated during inflammation and is upregulated by interleukin 1 (but not TNF alpha) in humans. Recombinant mouse Lcn2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量: 23.3kDa (203aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSQDSTQNLIPAPSLLTVP LQP DFRSDQFRGRWYV VGLAGNAVQKKTEGSFTMYSTIY
ELQENNSYNVTSILVRDQDQGCRYWIRTFVPSSRAGQFTLGNMHRYPQVQSYNVQVATTDYDYNQFAMVFFRKTSENKQY
FKITLYGRTKELSP ELKERFTRFAKSLGLKDDNIIFSVPTDQCIDN

纯度: > 95% by HPLC

浓度: 0.5mg/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.