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LYG2, 20-212aa, Human, His tag, E.coli

产品货号: TP02864

第三版

别名: lysozyme G-like 2, LYGH.

描述: LYG2, also as known as lysozyme G-like 2 and LYGH, belongs to the glycosyl hydrolase 23 family. Lysozyme plays an important role in human innate immunity by causing bacterial cell lysis. The protein contains a SLT domain, a protein domain present in bacterial lytic transglycosylase (SLT) and in eukaryotic lysozymes (GEWL). SLT domain catalyzes the cleavage of the beta-1,4-glycosidic bond between N-acetylmuramic acid (MurNAc) and N-acetylglucosamine (GlcNAc).

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 1mM DTT

分子量: 23.9 kDa (216aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSSYPFSHSMKPHLHPRLYHGCGYGDIMTMKTSGATCDANSVMNCGIRGSEMFAEMD
LRAIKPYQTLIKEVGQRHCVDPAVIAAIIRESHGGSVLQDGWDHRGLKFGLMQLDKQTYHPVGAWDSKEHLSQATGIL
TERIKAIQKKFPTWSVAQHLKGGLSAFKSGIEAIATPSDIDNDFVNDIARAKFYKRQSF

纯度: > 95% by HPLC

浓度: 0.5 mg/ml

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.