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IRGM, 23-181aa, Human, His tag, E.coli

产品货号: TP02689

第三版

别名: Immunity-related GTPase family M protein, IFI1, IRGM1, LRG-47, LRG47, MGC149263, MGC149264

描述: Immunity-related GTPase family M protein, also known as IRGM, is required for clearance of acute protozoan and bacterial infections. This protein functions in innate immune response probably through regulation of autophagy. It may regulate proinflammatory cytokine production and prevent endotoxemia upon infection and may also play a role in macrophages adhesion and motility. Recombinant human IRGM protein, fused to His-tag at Nterminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M urea, 10% glycerol

分子量: 20.1 kDa (180aa)

序列:

MGSSHHHHHHSSGLVPRGSHMKETLKIVSRTPVNITMAGDSGNGMSTFISALRNTGHEGKASPTELVKATQRCASYFSS
HFSNVVLWDLPGTGSATTTLENYLMEMQFNRYDFIMVASAQFSMNHVMLAKTAEDMGKKFYIVWTKLDMDLSTGALP
EVQLLQIRENVLENLQKERVCEY

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.