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GZMK, 27-264aa, Human, His tag, E.coli

产品货号: TP02384

第三版

别名: Granzyme K, TRYP2

描述: GZMK is a member of a group of related serine proteases from the cytoplasmic granules of cytotoxic lymphocytes. Cytolytic T lymphocytes (CTL) and natural killer (NK) cells share the remarkable ability to recognize, bind, and lyse specific target cells. They are thought to protect their host by lysing cells bearing on their surface 'nonself' antigens, usually peptides or proteins resulting from infection by intracellular pathogens. The protein described here lacks consensus sequences for N-glycosylation present in other granzymes. Recombinant human GZMK protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 28.2 kDa (261aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSIIGGKEVSPHSRPFMASIQYGGHHVCGGVLIDPQWVLTA AHCQYRFTKGSPTVV
LGAHSLSKNEASKQTLEIKKFIPFSRVTS DPQSN D IMLV KLQTAAKLNKHVKMLHIRSKTSLRSGTKCKVTGWGATDPDSL
RPSDTLREVTVTVLSRKL CNSQSYNGDPFITKDMVCAGDAKGQKDSCKGDSGGPLICKGVFHAIVSGGHECGVATKPGI
YTLLTKKYQTWIKSNLVP PHTN

纯度: > 95% by HPLC

浓度: 0.5 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.