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PSEM3, 1-254aa, Human, His tag, E.coli

产品货号: TP03556

第三版

别名: Proteasome activator complex subunit 3 isoform 1, Ki, PA28-gamma, PA28G, REG-GAMMA.

描述: PSME3 (Proteasome activator complex subunit 3) belongs to the PA28 family. The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. PSME3 activates the trypsin-like catalytic subunit of the proteasome but inhibits the chymotrypsin-like and postglutamyl-preferring (PGPH) subunits.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2mM DTT, 40% glycerol, 200mM NaCl

分子量: 31.7kDa (274aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMASLLKVDQEVKLVDSFRERITSEAEDLVANFFPKLLELDSFLKEPILNIHDLTQIHSDM  
NLPVPDPILLTNSHDGLDGPTYKKRRLDECEEFQGTKVVFVMPNGMLKSNQQLVDIIEKVKPEIRLLIEKCNTVKMWVQL  
LIPRIEDGNNFGVSIQEETVAELRTVESEAASYLDQISRYITRAKLVSIAKYPHVEDYRRTVTEIDEKEYISLRLIISELRNQY  
VTLHDMILKNIEKIKRPRSSNAETLY

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.