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PSMF1, 1-271aa, Human, His tag E.coli

产品货号: TP03583

第三版

别名: Proteasome inhibitor subunit 1 isoform 1, PI31.

描述: PSMF1 is a protein that inhibits the activation of the proteasome by the 11S and 19S regulators. The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 1mM DTT, 0.1mM PMSF

分子量: 31.9 kDa (291aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAGLEVLFAAAPAITCRQDALVCFLHWEVVTHGYCGLGVDQPGPNDKKSELLPAG  
WNNNKDLYVLRYEYKDGSRKLLVKAITVESSMILNVLEYGSQQVADLTNLDDYIDAEHLGDFHRTYKNSEELRSRIVSGII  
TPIHEQWEKANVSSPHREFPPATAREVDPLRIPPHHPHTSRQPPWCDPLGPFVVGEDLDPFGPRRGGMIVDPLRSGFPRA  
LIDPSSGLPNRLPPGAVPPGARFDPFGPIGTSPPGPNPDHLPPPGYDDMYL

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.