

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PSMA7, 1-248aa, Human, His-tagged, Recombinant, E.coli

产品货号: TP03565

第三版

别名: Proteasome alpha 7 subunit, C6, HSPC, MGC3755, RC6-1, XAPC7

描述: Proteasome alpha 7, PSMA7, is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. PSMA7, belonged to the peptidase T1A family, is a 20S core alpha subunit of proteasome. This protein was found to interact specifically with two subdomains of HIF-1alpha and inhibited the transactivation function of HIF-1alpha under both normoxic and hypoxia-mimicking conditions.

配方: Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol 0.1 M NaCl

分子量: 30.0 kDa (268 aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSYDRAITVFSPDGHLFQVEYAQEAVKKGSTAVGVRGRDIVVLGVEKKSVAKLQDERT
VRKICALDDNVCMFAAGLTADARIVINRARVEQCQSHRLTVEDPVTVEYITRYIASLKQRYTQSNRRPFGISALIVGFDFDG
TPRLYQTDPSGTYHAWKANAIGRGAKSVREFLEKNYTD EAIETDDLTIKLVIKALLEVVQSGGKNIELAVMRRDQSLKILNP
EEIEKYVAEIEKEKEENEKQKQKAS

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.