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LGMN, 18-435aa, Mouse, His tag, Insect cell

产品货号: TP02821

第三版

别名: Legumain, AEP, AI746452, AU022324, Prsc1

描述: LGMN, also known as legumain, is a lysosomal cysteine protease found in all mouse tissues, but was particularly abundant in kidney and placenta. It plays a pivotal role in the endosomal/lysosomal degradation system because the Legumain deficiency causes the accumulation of pro cathepsins B, H and L, another group of lysosomal cysteine proteases. Over expression of Legumain in tumors is significant for invasion/metastasis. Recombinant mouse LGMN, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 48.6kDa (426aa), 40-57kDa (SDS-PAGE under reducing conditions)

序列:

VPVGVDDPEDGGKHWVVIVAGSNGWYNYRHQADACHAYQIIHRNGIPDEQIIVMMYDDIANSEENPTPGVVINRPN
TDVYKGVLDYTGEDVTPENFLAVLRGDAEAVKKGKSGKVLKSGPRDHVFIYFTDHGATGILVFPNDDLHVKDLNKTIR
YMYEHKMYQKMFYIEACESGSMNHLPPDDINVYATTAANPKESSYACYDEERGTYLGDWYSVNW MEDSDVEDLTK
ETLHKQYHLVKSHNTSHVMQYGNKSISTMKVMQFQGMKHRASSPISLPPVTHLDLTPSPDVPLTILKRKLLRTNDVKES
QNLIGQIQFLDARHVEKSVHKIVSLLAGFGETAERHLSERTMLTAHDCYQEA VTHFRTHCFNWH SVTYEHALRYLYVL
ANLCEAPYPIDRIEMAMDKVCLSHYLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

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.