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Ctsl, 18-334aa, Mouse, His tag, Baculovirus

产品货号: TP01781

第三版

别名: Cathepsin L1, CTSL, 1190035F06Rik, CatL, Ctsl1, fs, MEP, nkt

描述: CTSL, also known as cathepsin L1, is a lysosomal cysteine protease expressed in most eukaryotic cells. It plays a major role in intracellular protein catabolism and is potent in degrading collagen, laminin, elastin, as well as alpha-1 protease inhibitor and other structural proteins of basement membranes. Recombinant mouse CTSL, 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: 36.8kDa (325aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

TPKFDQTFSAEWHQWKSTHRRLYGTNEEEWRRRAIWEKNMRMIQLHNGEYSNGQHGFSEMEMNAFGDMTNEEFRQVV
NGYRHQKHKKGRLEPLMLKIPKSVDWREKGCVTPVKNQGQCGSCWAFSASGCLEGMFLKTGKLISLSEQNLVDCS
HAQGNQGCNGGLMDFAFQYIKENGGLDSEESYPYEAKDGSCKYRAEFAVANDTGFVDIPQQEKALMKAVATVGPISVA
MDASHPSLQFYSSGIYYEPNCSSKNLDHGVLLVGYGYEGTDSNKNKYWLKNSWGSEWGMGYIKIAKDRDNHCGLAT
AASYPVVNLEHHHHHH

纯度: > 95% by HPLC

浓度: 0.25mg/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.