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Ctsb, 18-339aa, Mouse, His-tag, Baculovirus (Bioactivity Validated)

产品货号: TP01775

第三版

别名: Cathepsin B, Ctsb, CB

**描述:** CTSB, also known as cathepsin B preproprotein, is a papain-family cysteine protease that is normally located in lysosomes. It has the ability to degrade several extracellular matrix components at both neutral and acidic pH and has been implicated in the progression of several human and rodent tumors progression and arthritis. Recombinant mouse CTSB, 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:** 36.4kDa (330aa), 28-40kDa (SDS-PAGE under reducing conditions)

**序列:**

HDKPSFHPLSDDLINYINKQNTTWQAGRNFYNVDISYLKCLKGTVLGGPKLPGRVAFGEDIDLPEFDAREQWSNCPTIG  
QIRDQGSCGSCWAFGAVEAISDRTCIHTNGRVNVEVSAEDLLTCCGIQCGDGCNGGYPGAWFSWTKKGLVSGGVYNS  
HVGCLPYTIPPCEHHVNGSRPPCTGEGDTPRCNKSCAGYSPSYKEDKHFGYTSYSVSNVKEIMAEIYKNGPVEGAFTVF  
SDFLYKSGVYKHEAGDMMGGHAIRILGWGVENGVPYWLAANSWNLDWGDNGFFKILRGENHCGIESEIVAGIPRTDQ  
YWGRFLEHHHHHH

**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.