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Ctss, 21-340aa, Mouse, His tag, Baculovirus

产品货号: TP01783

第三版

别名: Ctss, Cathepsin S

**描述:** Ctss, as known as cathepsin S isoform 2, is a lysosomal cysteine protease of the papain family. This protein plays a major role in the processing of the MHC class II-associated invariant chain. It has been implicated in the pathogenesis of several diseases such as Alzheimer's disease and degenerative disorders associated with the cells of the mononuclear phagocytic system. Also, it is less abundant in tissues than Cathepsins B, L and H. The highest levels of this protein have been found in lymph nodes, spleen and phagocytic cells. Recombinant mouse Ctss, 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:** 37.2kDa (328aa), 28-40kDa (SDS – PAGE under reducing conditions.).

**序列:**

VAMEQLQRDPTLDYHWDLWKKTHEKEYKDKNEEEVRLIWEKNLKFIMIHNLEYSMGMHTYQVGMNDMGDMTNEEI  
SCRMGALRISRQSPKTVTFRSYSNRTLPTVDWREKGCVTEVKYQGSCGACWAFSAVGALEGQLKLTGKLISLSAQNLV  
DCSNEEKYGNKGGGYMTEAFQYIIDNNGGIEADASYPKAMDEKCHYNSKNRAATCSRYIQLPFGDEDALKEAVATKG  
PVSVIDASHSSFFFYKSGVYDDPCTGNVNHGVLVVG YGTLDGKDYWLKNSWGLNFGDQGYIRMARNNKNHCGIA  
SYCSYPEILEHHHHHDYWLKNSWGLNFGDQGYIRMARNNKNHCGIASYCSYPEILEHHHHH

**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.