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CTSS, 17-331aa Human, His tag, E.coli

产品货号: TP01782

第三版

别名: Cathepsin S, MGC3886

描述: Cathepsin S, also known as CTSS, is a member of the peptidase C1 family. This protein is a lysosomal cysteine proteinase that may participate in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. CTSS can function as an elastase over a broad pH range in alveolar macrophages. Recombinant human CTSS protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

分子量: 38.1 kDa (336aa)

序列:

MGSSHHHHHHSSGLVPRGSHMQLHKDPTLDHHWHLWKKTYGKQYKEKNEEAVRRLIWEKNLKFVMLHNLEHSMGM
HSYDLGMNHLGDMTSEEVMMLMSSLRVPSQWQRNITYKSNPNWILPDSVDWREKGCVTEVKYQGSCGACWAFSAVGA
LEAQLKLTGKLVLSAQNLVDCSTEKYGNKGCNGGFMTTAFQYIIDNKGIDSDASYPKAMDQKCQYDSKYRAATCSK
YTELPYGREDVLKEAVANKGPVSVGVDARHPSFFLYRSGVYYEPSCTQNVNHGVLVVGYGDLNGKEYWLVKNSWGHN
FGEEGYIRMARNKGNHCGIASFPSYPEI

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.