

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

CTSE, 57-363aa Human, His tag, E.coli

产品货号: TP01777

第三版

别名: Cathepsin E, CATE

描述: CTSE is a gastric aspartyl protease that functions as a disulfide-linked homodimer. CTSE, which is a member of the peptidase C1 family, has a specificity similar to that of pepsin A and cathepsin D. It is an intracellular proteinase that does not appear to be involved in the digestion of dietary protein and is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach. It is the first aspartic proteinase expressed in the fetal stomach and is found in more than half of gastric cancers. It appears, therefore, to be an oncofetal antigen. Transcript variants utilizing alternative polyadenylation signals and two transcript variants encoding different isoforms exist for this gene. Recombinant human CTSE 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: 35.4 kDa (330aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSTESCSMDQSAKEPLINYLDMEYFGTISIGSPPQNFTVIFDTGSSNLWVPSVYCTSPAC
KTHSRFQPSQSSTYSQPGQSFISIQYGTGSLSGIIGADQVSVEGLTVVGQQFGESVTEPGQTFVDAEFDGILGLGYPSLAVGG
VTPVFDNMMAQNLVDLPMFSVYMSSNPEGGAGSELIFGGYDHSFSGSLNWVPVTKQAYWQIALDNMLWSVPTLTSCR
MSPSPLTESPIPSAQLPTPYWTSWMECSSAAVAFKDLTSTLQLGPGSGSWGMSFDSFTQSLTVGITVWDWPQQSPKEGPCV
CACLSDRP

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.