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Cathepsin E, 21-397aa, Mouse, His tag, Insect cell

产品货号: TP01435

第三版

别名:CTSE, A430072003Rik, C920004C08Rik, CatE, CE

描述:CTSE, also known as cathepsin E, belongs to an intracellular aspartic protease of the pepsin family. It plays an important role in the degradation of proteins, the generation of bioactive proteins, and antigen processing. It is efficient in cleaving the Swedish mutant of amyloid precursor protein (APP) at the B site but show almost on reactivity with the wild-type APP. Recombinant mouse CTSE, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方:In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量:41.8kDa (385aa), 40-57KDa (SDS-PAGE under reducing conditions.)

序列:

ALHRVPLRRHQSLRKKLRAQGQLSEFWRSHNLDMTRLSESCNVYSSVNEPLINYLDMEYFGTISIGTPPQNFTVIFDTGSSN
LWVPSVYCTSPACKAHPVFHPSQSDTYTEVGNHFSIQYGTGSLTGIIIGADQVSVEGLTVDGQQFGESVKEPGQTFVNAEF
DGILGLGYPSLAAGGVTPVFDNMMAQNLVALPMFSVYLSSDPQGGSGSELTFGGYDPSHFSGSLNWIPVTKQAYWQIALD
GIQVGDTVMFCSEGCQAIVDTGTSLITGPPDKIKQLQEAIATPIDGEYAVDCATLDTMPNVTFLINEVSYTLNPTDYILPD
LVEGMQFCGSGFQGLDIPPPAGPLWILGDVFIRQFYSVFDNRGNQVGLAPAVPLEHHHHHH

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.