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CTSF, 271-484aa, Human, His tag, E.coli

产品货号: TP01778

第三版

别名: Cathepsin F, CATSF, CLN13

描述: Cathepsin F, also known as CTSF, belongs to the cathepsin family. Cathepsins are papain family cysteine proteinases that represent a major component of the lysosomal proteolytic system. The CTSF gene is ubiquitously expressed, and it maps to chromosome 11q13, close to the gene encoding cathepsin W. CTSF is thought to play a role in normal protein catabolism, and because it is highly expressed in some cancer cell lines, it may be involved in degradative processes occurring during tumor progression. Recombinant human CTSF 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: 26 kDa (237aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSAPPEWDWRKGA VTKVKDQGMCGSCWAFSVTGNVEGQWFLNQQGTLLSLSEQEL
LDCDKMDKACMGGLPSNAYS AIKNLGGLETDDYSYQGHMQSCNFSAEKAKVYINDSVLSQNEQKLA AWLAKRGPISV
AINAFGMQFYRHGISRPLRPLCSPWLIDHAVLLVGYGNRSDVPFWAIKNSWGTDWGEKGYYYLHRGSGACGVNTMASS
AVVD

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.