

32-2235: CTSF Recombinant Protein

Alternative Name : CATSF,CLN13,Cathepsin F,EC=3.4.22.41.

Description

Source : Escherichia Coli. CTSF Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 237 amino acids (271-484) and having a molecular mass of 26kDa. CTSF is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cathepsin F (CTSF) is a member of the peptidase C1 family. Cathepsins are papain family cysteine proteinases which are a main 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 plays a role in normal protein catabolism. CTSF involved in some degradative processes occurring in tumor progression since it is highly expressed in some cancer cell lines.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CTSF solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHH SSGLVPRGSH MGSAPPEWDW RSKGAVTKVK DQGMCGSCWA FSVTGNVEGQ WFLNQGTLLSLSEQELLDCD KMDKACMGGL PSNAYSAIKN LGGLETEDDY SYQGHMQSCN FSAEKAKVYI NDSVELSQNEQKLAAWLAKR GPISVAINAF GMQFYRHGIS RPLRPLCSPWLIDHAVLLVG YGNRSDVPFW AIKNSWGTDW GEKGYYYLHR GSGACGVNTM ASSAVVD.

