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32-2236: CTSS Recombinant Protein

Alternative Name : Cathepsin S,MGC3886,CTSS,Cathepsin-S.

Description

Source : Escherichia Coli. CTSS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (17-331) and having a molecular mass of 38.1kDa. CTSS is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cathepsin S (CTSS) belongs to the peptidase C1 family. CTSS is a lysosomal cysteine proteinase that participates in the degradation of antigenic proteins to peptides for presentation on MHC class II molecules. CTSS functions as an elastase over a broad pH range in alveolar macrophages.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The CTSS 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 :	MGSSHHHHHH SSGLVPRGSH MQLHKDPTLD HHWHLWKKTY GKQYKEKNEE AVRRLIWEKN LKFVMLHNLE HSMGMHSYDL GMNHLGDMTS EEVMSLMSSL RVPSQWQRNI TYKSNPNWIL PDSVDWREKG CVTEVKYQGS CGACWAFSAV GALEAQLKLK TGKLVSLSAQ NLVDCSTEKY GNKGCNGGFM TTAFQYIIDN KGIDSDASYP YKAMDQKCQY DSKYRAATCS KYTELPYGRE DVLKEAVANK GPVSVGVDAR HPSFFLYRSG VYYEPSCTQN VNHGVLVVGY GDLNGKEYWL VKNSWGHNFG EEGYIRMARN KGNHCGIASF PSYPEI.

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