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32-6713: CTSS Mouse

Alternative Name : Cathepsin S, Ctss, Cats.

Description

Source: Sf9, Baculovirus cells.
Sterile filtered colorless solution.
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.
CTSS Mouse Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 328 amino acids (21-340 a.a.) and having a molecular mass of 37.2kDa (Migrates at 28-40kDa on SDS-PAGE under reducing conditions).CTSS is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	CTSS protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) 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 :	VAMEQLQRDP TLDYHWDLWK KTHEKEYKDK NEEEVRRLIW EKNLKFIMIH NLEYSMGMHT YQVGMNDMGD MTNEEISCRM GALRISRQSP KTVTFRSYSN RTLPDTVDWR EKGCVTEVKY QGSCGACWAF SAVGALEGQL KLKTGKLISL SAQNLVDCSN EEKYGNKGCG GGYMTEAFQY IIDNGGIEAD ASYPYKAMDE KCHYNSKNRA ATCSRYIQLP FGDEDALKEA VATKGPVSVG IDASHSSFFF YKSGVYDDPS CTGNVNHGVL VVGYGTLDGK DYWLVKNSWG LNFGDQGYIR MARNNKNHCG IASYCSYPEI LEHHHHHHDY WLVKNSWGLN FGDQGYIRMA RNNKNHCGIASYCSYPEILE HHHHHH.

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