

Cathepsin-S Mouse Recombinant

Item Number	rAP-0890
Synonyms	Cathepsin S, Ctss, Cats.
Description	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
Uniprot Accesion Number	O70370
Amino Acid Sequence	VAMEQLQRDP TLQYHWDLWK KTHEKEYKDK NEEEVRRLIW EKNLKFIMIH NLEYSMGMHT YQVGMNDMGD MTNEEISCRM GALRISRQSP KTVTFRSYSN RTLPTDWR EKGCVTEVKY QGSCGACWAF SAVGALEGQL KLKTGKLISL SAQNLVDCSN EEKYGNKGCG GGYMTEAFQY IIDNG- GIEAD ASYPYKAMDE KCHYNSKNRA ATCSRYIQLP FGDEDALKEA VATKGPVSVG IDASHSSFFF YKSGVYDDPS CTGNVNHGVL VVGYGTLGK DYWLVKNSWG LNFGDQGYIR MARNNKNHCG
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	CTSS protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**