

## Cathepsin-W Human Recombinant

<b>Item Number</b>	rAP-0885
<b>Synonyms</b>	Cathepsin W (Lymphopain), LYPN, lymphopain, EC 3.4.22.-.
<b>Description</b>	CTSW Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 378 amino acids (22-376) and having a molecular mass of 42.0 kDa. CTSW is fused to a 23 amino acid His-tag at N-terminus.
<b>Uniprot Accesion Number</b>	P56202
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSIRGPLRA QDLGPQPLEL KEAFKLFQIQ FNRSYLSPEE HAHRLDIFAH NLQAQQLQE EDLGTAEGV TPFSDLTEEE FGQLYGYRRA AGGVPSMGRE IRSEEPEESV PFSCDWRKVA GAISPIKDQK NCNCCWAMAA AGNIETLWRI SFWDFVDVSV QELLDGRCG DGCHGGFVWD AFITVLNNSG LASEKDYPFQ GKVRRAHRCHP KKYQKVAWIQ DFIM- LQNNEH RIAQYLATYG PITVTINMKP LQLYRKGVIK ATPTTCDPQL VDHSQLLVGF GSVKSEEGIW
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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.
<b>Formulation and Purity</b>	The CTSW solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**