

Cathepsin-W Human Recombinant

Item Number	rAP-0885
Synonyms	Cathepsin W (Lymphopain), LYPN, lymphopain, EC 3.4.22.-.
Description	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.
Uniprot Accession Number	P56202
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSIRGPLRA QDLGPQPLEL KEAFKLFQIQ FNRSYLSPEE HAHRLDIFAH NLAQAQRLQE EDLGTAIEGV TPFSDLTEEE FGQLYGYRRA AGGVPSMGRE IRSEEPESV PFSCDWRKVA GAISPIKDQK NCNCCWAMAA AGNIETLWRI SFWDFVDVSV QELDCGRCG DGCHGGFVWD AFITVLNNSG LASEKDYPFQ GKVRAHRCHP KKYQKVAWIQ DFIM- LQNNEH RIAQYLATYG PITVTINMKP LQLYRKGVIK ATPPTCDPQL VDHSVLLVGF GSVKSEEGIW
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
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 ender users! This product is sold for **Research Use Only**