

Human CTSW Recombinant Protein



RPPB1524

Product Information Protein Information

Product SKU:

RPPB1524

Accession:

P56202

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Cathepsin W (Lymphopain), LYPN, lymphopain, EC 3.4.22.-.

Formulation:

The CTSW solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.

Purity:

Greater than 85% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHHH SSSLVPRGSH MGSIRGPLRA QDLGPQPLEL KEAFKLFQIQ FNRSYLSPEE HAHRLDIFAH
NLAQAQLRQE EDLGTAIEFGV TPFSDLTEEE FGQLYGYRRA AGGVPSMGRE IRSEEPESV PFSCDWRKVA
GAISPIKDQK NCNCCWAMAA AGNIETLWRI SFWDFVDVSV QELDCGRCG DGCHGGFVWD AFITVLNNSG
LASEKDYPFQ GKVRAHRCHP KKYQKVAWIQ DFIMLQNEH RIAQYLATYG PITVTINMKP LQLYRKGVIK
ATPTTCDPQL VDHSVLLVGF GSVKSEGIW AETVSSQSQP QPPHPTYWI LKNSWGAQWG EKGYFRLHRG
SNTCGITKFP LTARVQKPDM KPRVSCPP.