

Human CTSS Recombinant Protein



RPPB1522

Product Information Protein Information

Product SKU:

RPPB1522

Accession:

P25774

Host:

Escherichia Coli.

Protein description:

CTSS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 336 amino acids (17-331) and having a molecular mass of 38.1kDa. CTSS is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Cathepsin S, MGC3886, CTSS, Cathepsin-S.

Formulation:

The CTSS solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

Purity:

Greater than 85.0% 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 SGLVPRGSH MQLHKDPTLD HHWHLWKKTY GKQYKEKNEE AVRRLIWEKN LKFVMLHNLE
HSMGMHSYDL GMNHLGDMTS EEVMSLMSSL RVPSQWQRNI TYKSNPNWIL PDSVDWREKG CVTEVKYQGS
CGACWAFSAV GALEAQLKLG TGKLVLSAQ NLVDCSTEKY GNKGCNGGFM TTAFAQYIIDN KGIDSDASYP
YKAMDQKCQY DSKYRAATCS KYTELPYGRE DVLKEAVANK GPVSVGVDAR HPSFFLYRSG VYEPSTQTN
VNHGVLVGY GDLNGKEYWL VKNSWGHNFV EEGYIRMARN KGNHCGIASF PSYPEI.