

Human CTSE Recombinant Protein



RPPB1517

Product Information Protein Information

Product SKU:

RPPB1517

Accession:

P14091

Host:

Escherichia Coli.

Protein description:

CTSE Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 330 amino acids (57-363 a.a) and having a molecular mass of 35.4kDa. CTSE is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Cathepsin E, EC 3.4.23.34, CATE, Erythrocyte Membrane Aspartic Proteinase, Slow-Moving Proteinase, EC 3.4.23.

Formulation:

CTSE protein solution (1mg/ml) containing 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). Please avoid freeze thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSTESCSMD QSAKEPLINY LDMEYFGTIS IGSPQNFV IFDTGSSNLW
VPSVYCTSPA CKTHSRFQPS QSSTYSQPGQ SFSIQYGTGS LSGIIGADQV SVEGLTVVGQ QFGESVTEPG
QTFVDAEFDG ILGLGYPSLA VGGVTPVFDN MMAQNLVDLP MFSVYMSSNP EGGAGSELIF GGYDHSFSG
SLNWVPVTKQ AYWQIALDNM LWSVPTLTSC RMSPSPLTES PIPSAQLPTP YWTSWMECSS AAVAFKDLTS
TLQLGPSGSW GMSSFDSFTQ SLTVGITVWD WPQQSPKEGP CVCACLSDRP