

Cathepsin-E Human Recombinant

Item Number	rAP-0886
Synonyms	Cathepsin E, EC 3.4.23.34, CATE, Erythrocyte Membrane Aspartic Proteinase, Slow-Moving Proteinase, EC 3.4.23.
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
Uniprot Accession Number	P14091
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSTESCSMD QSAKEPLINY LDMEYFGTIS IGSPQNFTV IFDTGSS-NLW VPSVYCTSPA CKTHSRFQPS QSSTYSQPGQ SFSIQYGTGS LSGIIGADQV SVEGLTVVGQ QFGESVTEPG QTFVDAEFDG ILGLGYPSLA VGGVTPVFDN MMAQNLVDLP MFSVYMSSNP EGGAGSELIF
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). Please avoid freeze thaw cycles.
Formulation and Purity	CTSE protein solution (1mg/ml) containing 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**