

Cathepsin-E Recombinant Protein | CTSE recombinant protein

Recombinant Human Cathepsin-E

CATALOG #
AAA39125

PRODUCT SYNONYMS

Cathepsin-E; Recombinant Human Cathepsin-E; Cathepsin E; EC 3.4.23.34; CATE; Erythrocyte Membrane Aspartic Proteinase; Slow-Moving Proteinase; EC 3.4.23.; CTSE recombinant protein

PRODUCT SPECIFICATIONS

Purity/Purification	Greater than 85% as determined by SDS-PAGE.
Form/Format	Sterile Filtered clear solution. CTSE protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS TESCSMDQSA KEPLINYLDM EYFGTISIGS PPQNFTVIFD TGSSNLWVPS VYCTSPACKT HSRFQPSQSS TYSQPGQSFS IQYGTGSLSG IIGADQVSVE GLTVVGQQFG ESVTEPGQTF VDAEFDGILG LGYPSLAVGG VTPVFDNMMA QNLVDLPMFS VYMSSNPEGG AGSELIFGGY DHSHFSGSLN WVPVTKQAYW QIALDNMLWS VPTLTSCRMS PSPLTESPIP SAQLTPPYWT SWMECSSAAV AFKDLTSTLQ LGPSGSWGMS SFDSFTQSLT VGITVWDWPQ QSPKEGPCVC ACLSDRP
Sequence Length	396
Source	Escherichia Coli.
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for CTSE recombinant protein	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 35.4 kDa. CTSE is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Product Categories/Family for CTSE recombinant protein	Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	181194
NCBI GeneID	1510
NCBI Official Full Name	cathepsin E
NCBI Official Synonym Full Names	cathepsin E
NCBI Official Symbol	CTSE
NCBI Official Synonym Symbols	CATE
NCBI Protein Information	cathepsin E; erythrocyte membrane aspartic proteinase; slow-moving proteinase
UniProt Protein Name	Cathepsin E

UniProt Gene Name	CTSE
UniProt Entry Name	CATE_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ctse-recombinant-protein/39125>