

Cathepsin E / CTSE Recombinant Protein | CTSE recombinant protein

Rat Cathepsin E / CTSE Protein (His Tag)

CATALOG #
AAA173598

HOST
HEK293 Cells

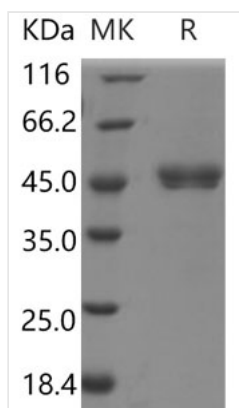
PRODUCT SYNONYMS

Cathepsin E / CTSE; Rat Cathepsin E / CTSE Protein (His Tag); Cathepsin E; CTSE; CTSE recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	> 90 % as determined by SDS-PAGE
Form/Format	Lyophilized from sterile 12.5 mM MES, 75 mM NaCl, 50 % glycerol, pH 6.5, 5% Trehalose, 5% Mannitol, 0.01%Tween-80.
Species	Rat
Sequence	Met1-Pro398
Tag	C-His
Endotoxin	< 1.0 EU per ug protein as determined by the LAL method.
Reconstitution	It is recommended that sterile water (70ul) be added to the vial to prepare a stock solution of 0.15mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20° for 3 months. This product is provided as lyophilized powder which is shipped on blue ice.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CTSE recombinant protein	Cathepsin E Protein (CTSE Protein) is a member of the peptidase C1 family that is a gastric aspartic protease that functions as a disulfide-linked homodimer. Cathepsin E Protein (CTSE Protein) is predominantly present in the cells of immune system and is frequently implicated in antigen processing via the MHC class II pathway which however does not appear to be involved in the digestion of dietary protein. The protein has a specificity similar to that of pepsin and pepsin. Cathepsin E Protein (CTSE Protein) is found in highest concentration in the surface of epithelial mucus-producing cells of the stomach and also been found in more than half of the gastric cancers. It appears, therefore, to be an oncofetal antigen.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	38303893
NCBI GeneID	25424
Molecular Weight	42.1 kDa
NCBI Official Full Name	Ctse protein
NCBI Official Synonym Full Names	cathepsin E
NCBI Official Symbol	Ctse
NCBI Official Synonym Symbols	CEA; CEB; Ctsea
NCBI Protein Information	cathepsin E
UniProt Protein Name	Cathepsin E
UniProt Gene Name	Ctse

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.