

Cathepsin C (CTSC) Recombinant Protein | CTSC recombinant protein

Recombinant Cathepsin C (CTSC)

CATALOG # AAA134412	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

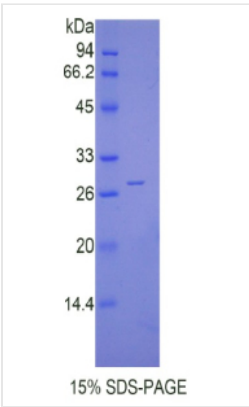
PRODUCT SYNONYMS

Cathepsin C (CTSC); Recombinant Cathepsin C (CTSC); CTSC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 150ug/mL (varies by lot)
Sequence	PESWDWRNVQ GVNYVSPVRN QESCGSCYSF ASMGMLEARI RILTNNSTQP ILSPQEVVSC SPYAQGCDDG FPYLIAGKYA QDFGVVEESC FPYTAKDSPC KPRENCLRY Y SSDYYYVGGF YGGCNEALMK LELVKHGPM VAFEVHDDFL HYHSGIYHHT GLSDPFNPFE LTNHAVLLVG YGRDPVTGIE YWIKNSWGS NWGESGYFRI RRGTDECAIE SIAVAAIPIP KL
Applicable Applications for CTSC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Pro231~Leu462
Tags	N-terminal His Tag
Subcellular Location	Lysosome
Traits	Freeze-dried powder
Predicted Isoelectric Point	5.9
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	160707990
NCBI GeneID	13032
NCBI Accession #	NP_034112.3
NCBI GenBank Nucleotide #	NM_009982.4
UniProt Accession #	P97821; O08853
Molecular Weight	Predicted Molecular Mass: 27.2kDa Accurate Molecular Mass: 26kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	dipeptidyl peptidase 1 preproprotein
NCBI Official Synonym Full Names	cathepsin C
NCBI Official Symbol	Ctsc
NCBI Official Synonym Symbols	DPP1; DPPI; AI047818
NCBI Protein Information	dipeptidyl peptidase 1; DPP-I; cathepsin J; dipeptidylpeptidase 1; dipeptidyl peptidase I; dipeptidyl transferase; dipeptidyl-peptidase 1; dipeptidyl-peptidase I
UniProt Protein Name	Dipeptidyl peptidase 1
UniProt Gene Name	Ctsc
UniProt Synonym Gene Names	DPP-I; DPPI
UniProt Entry Name	CATC_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ctsc-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134412>