

Cathepsin K Recombinant Protein | Ctsk recombinant protein

Recombinant Mouse Cathepsin K

CATALOG # AAA114105	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

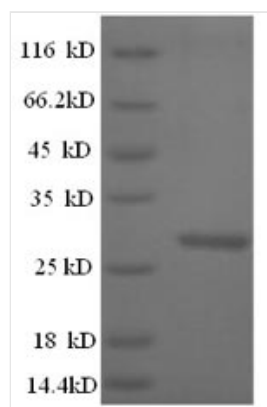
PRODUCT SYNONYMS

Cathepsin K; Recombinant Mouse Cathepsin K; Ctsk recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	115-329aa; Full Length of Mature Protein
Sequence	VPDSIDYRKK GYVTPVKNQG QCGSCWAFSS AGALEGQLKK KTGKLLALSP QNLVDCVTEN YGCGGGYMTT AFQYVQNGG IDSEDAYPYV GQDESCMYNA TAKAAKCRGY REIPVGNEKA LKRAVARVGP ISVSIDASLA SFQFYSRGVY YDENC DRDNV NHAVLVVGYG TQKGSKHWII KNSWGESWGN KGYALLARNK NNACGITNMA SFPKM
Sequence Length	329
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Ctsk recombinant protein	Closely involved in osteoclastic bone resorption and may participate partially in the disorder of bone remodeling. Displays potent endoprotease activity against fibrinogen at acid pH. May play an important role in extracellular matrix degradation.
References	Mouse cathepsin K cDNA cloning and predominant expression of the gene in osteoclasts, and in some hypertrophying chondrocytes during mouse development.Rantakokko J.A., Aro H.T., Savontaus M., Vuorio E.FEBS Lett. 393:307-313(1996) Complete genomic structure of the mouse cathepsin K gene (Ctsk) and its localization next to the Arnt gene on mouse chromosome 3.Rantakokko J.A., Kiviranta R., Eerola R., Aro H.T., Vuorio E.Matrix Biol. 18:155-161(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982433
NCBI GeneID	13038
NCBI Accession #	NP_031828.2
NCBI GenBank Nucleotide #	NM_007802.4
UniProt Accession #	P55097; O88718
Molecular Weight	27.4 kDa
NCBI Official Full Name	cathepsin K preproprotein
NCBI Official Synonym Full Names	cathepsin K
NCBI Official Symbol	Ctsk
NCBI Official Synonym Symbols	catK; Ms10q; MMS10-Q; AI323530
NCBI Protein Information	cathepsin K
UniProt Protein Name	Cathepsin K
UniProt Gene Name	Ctsk
UniProt Entry Name	CATK_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://www.aaabiotech.com/ctsk-recombinant-protein-e-coli/114105>