

Cathepsin K Recombinant Protein | CATK recombinant protein

Recombinant mouse Cathepsin K

CATALOG # AAA309729	HOST E Coli	REACTIVITY Mouse
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PRODUCT SYNONYMS

Cathepsin K; Recombinant mouse Cathepsin K; CATK recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	20mM Tris-HCl based buffer, pH8.0
Sequence Positions	Full Length, 115-329aa
Sequence	PDSIDYRKKG YVTPVKNQGQ CGSCWAFSSA GALEGQLKKK TGKLLALSPQ NLVDCVTENY GCGGGYMTTA FQYVQQNGGI DSEDAYPYVG QDESCMYNAT AKAACRCGYR EIPVGNEKAL KRAVARVGPI SVSIDASLAS FQFYSRGVYY DENCARDNVN HAVLVVGYGT QKGSKHWWIK NSWGESWGNK GYALLARNKN NACGITNMAS FPKM
Tag Info	His-tag
Calculated MW	27.5 KD
Preparation and Storage	Store at -2°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4° C for up to one week.

ADDITIONAL INFORMATION

Related Product Information for CATK 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.
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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
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

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://www.aaabiotech.com/ctsk-recombinant-protein-e-coli/309729>