

Cathepsin S Recombinant Protein | ctss recombinant protein

Recombinant Mouse Cathepsin S

CATALOG # AAA116020	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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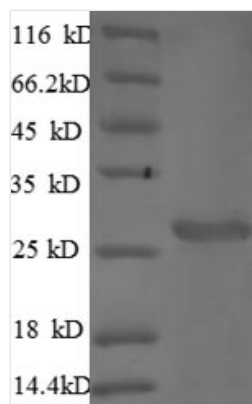
PRODUCT SYNONYMS

Cathepsin S; Recombinant Mouse Cathepsin S; ctss 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	123-340aa; Full Length of Mature Protein
Sequence	LPDVTVDWREK GCVTEVKYQG SCGACWAFSA VGALEGQLKL KTGKLISLSA QNLVDCSNEE KYGNKGC GGG YMTEAFQYII DNGGIEADAS YPYKATDEKC HYN SKNRAAT CSRYIQLPFG DEDALKEAVA TKGPVSVGID ASHSSFFFYK SGVYDDPSCT GNVNHGVLVV GYGTLDGKDY WLVKNSWGLN FGDQGYIRMA RNNKNHCGIA SYCSYPEI
Production Note	Special Offer: The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Coli host-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 ctss recombinant protein	Thiol protease. Key protease responsible for the roval of the invariant chain from MHC class II molecules. The bond-specificity of this proteinase is in part similar to the specificities of cathepsin L and cathepsin N.
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References	Doh-ura K. Rommerskirch W. Lineage-specific biology revealed by a finished genome assembly of the mouse.Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S., Teague B., Potamousis K., Churas C., Place M., Herschleb J., Runnheim R., Forrest D., Amos-Landgraf J., Schwartz D.C., Cheng Z., Lindblad-Toh K., Eichler E.E., Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009) Cathepsin expression during skeletal development.Soederstroem M., Salminen H., Glumoff V., Kirschke H., Aro H., Vuorio E.Biochim. Biophys. Acta 1446:35-46(1999) Gene expression in scrapie. Cloning of a new scrapie-responsive gene and the identification of increased levels of seven other mRNA transcripts.Dandoy-Dron F., Guillo F., Benboudjema L., Deslys J.-P., Lasmesas C., Dormont D., Tovey M.G., Dron M.J. Biol. Chem. 273:7691-7697(1998)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	510025483
NCBI GeneID	13040
NCBI Accession #	NP_067256.4
NCBI GenBank Nucleotide #	NM_021281.3
UniProt Accession #	O70370; O54973; E9QK18
Molecular Weight	27.7 kDa
NCBI Official Full Name	cathepsin S isoform 2 preproprotein
NCBI Official Synonym Full Names	cathepsin S
NCBI Official Symbol	Ctss
NCBI Official Synonym Symbols	Cats
NCBI Protein Information	cathepsin S
UniProt Protein Name	Cathepsin S
UniProt Gene Name	Ctss
UniProt Synonym Gene Names	Cats
UniProt Entry Name	CATS_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.