

Cathepsin B (Ctsb) Recombinant Protein | Ctsb recombinant protein

Recombinant Rat Cathepsin B (Ctsb)

CATALOG #
AAA113378

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Cathepsin B (Ctsb); Recombinant Rat Cathepsin B (Ctsb); Ctsb 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	80-333, Full length protein
Sequence	LPESFDAREQ WSNCPITIAQI RDQGSCGSCW AFGAVEAMSD RICHTNGRV NVEVSAEDLL TCCGIQCGDG CNGGYPSGAW NFWTRKGLVS GGVYNHIGC LPYTIPPCEH HVNGSRPPCT GEGDTPKCNK MCEAGYSTSY KEDKHYGYTS YSVSDSEKEI MAEIKNGPV EGAFTVFSDF LTYKSGVYKH EAGDVMGGHA IRILGWGIEN GVPYWLANS WNVDWGDNGF FKILRGENHC GIESEIVAGI PRTQ
Sequence Length	254
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Ctsb recombinant protein	This protein is a lysosomal cysteine proteinase composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. It is also known as amyloid precursor protein secretase and is involved in the proteolytic processing of amyloid precursor protein (APP). Incomplete proteolytic processing of APP has been suggested to be a causative factor in Alzheimer disease, the most common cause of dementia. Overexpression of the encoded protein, which is a member of the peptidase C1 family, has been associated with esophageal adenocarcinoma and other tumors. At least five transcript variants encoding the same protein have been found for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1705630
NCBI GeneID	64529
UniProt Accession #	P00787
Molecular Weight	37,470 Da
NCBI Official Full Name	Cathepsin B
NCBI Official Synonym Full Names	cathepsin B
NCBI Official Symbol	Ctsb
NCBI Protein Information	cathepsin B

UniProt Protein Name	Cathepsin B
UniProt Gene Name	Ctsb

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://stage.aaabiotech.com/ctsb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113378>