

Cathepsin G (CTSG) Recombinant Protein | CTSG recombinant protein

Recombinant Human Cathepsin G (CTSG)

CATALOG # AAA114059	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Cathepsin G (CTSG); Recombinant Human Cathepsin G (CTSG); CTSG 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	21-255aa; Full Length Protein
Sequence	IIGGRESRPH SRPYMAYLQI QSPAGQSRCG GFLVREDFVL TAAHCWGSNI NVTLGAHNIQ RRENTQQHIT ARRAIRHPQY NQRTIQNDIM LLQLSRRVRR NRNVNPVALP RAQEGLRPGT LCTVAGWGRV SMRRGDTLRL EVQLRVQRDR QCLRIFGSYD PRRQICVGDR RERKAAFKGD SGGPLLCNNV AHGIVSYGKS SGVPPEVFTR VSSFLPWIRT TMRSFKLLDQ METPL
Species	Human
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 CTSG recombinant protein	This protein, a member of the peptidase S1 protein family, is found in azurophil granules of neutrophilic polymorphonuclear leukocytes. The encoded protease has a specificity similar to that of chymotrypsin C, and may participate in the killing and digestion of engulfed pathogens, and in connective tissue remodeling at sites of inflammation. Transcript variants utilizing alternative polyadenylation signals exist for this gene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503149
NCBI GeneID	1511
NCBI Accession #	NP_001902.1
NCBI GenBank Nucleotide #	NM_001911.2
UniProt Accession #	P08311; Q6IBJ6; Q9UCA5; Q9UCU6
Molecular Weight	28,837 Da
NCBI Official Full Name	cathepsin G preproprotein
NCBI Official Synonym Full Names	cathepsin G
NCBI Official Symbol	CTSG
NCBI Official Synonym Symbols	CG; CATG
NCBI Protein Information	cathepsin G

UniProt Protein Name	Cathepsin G
UniProt Gene Name	CTSG
UniProt Synonym Gene Names	CG

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/ctsg-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114059>