

CTSG 抗原（重组蛋白）

中文名称：CTSG 抗原（重组蛋白）

英文名称：CTSG Antigen (Recombinant Protein)

储存：冷冻（-20℃）

相关类别：抗原

概述

Fusion protein corresponding to a region derived from 21-255 amino acids of human CTSG

技术规格

Full name:	cathepsin G
Synonyms:	CG; CATG
Swissprot:	P08311
Gene Accession:	BC014460
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	The protein encoded by this gene, a member of the peptidase S1 protein family, is found in azurophilic 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. In addition, the encoded protein is antimicrobial, with bacteriocidal activity against <i>S. aureus</i> and <i>N. gonorrhoeae</i> . Transcript variants utilizing alternative polyadenylation signals exist for this gene.