

## 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

<b>Full name:</b>	cathepsin G
<b>Synonyms:</b>	CG; CATG
<b>Swissprot:</b>	P08311
<b>Gene Accession:</b>	BC014460
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	The protein encoded by this gene, a member of the peptidase S1 p rotein family, is found in azurophil granules of neutrophilic polymor phonuclear leukocytes. The encoded protease has a specificity simila r to that of chymotrypsin C, and may participate in the killing and digestion of engulfed pathogens, and in connective tissue remodelin g at sites of inflammation. In addition, the encoded protein is antim icrobial, with bacteriocidal activity against <i>S. aureus</i> and <i>N. gonorrhoeae</i> . Transcript variants utilizing alternative polyadenylation signals ex ist for this gene.