

Native Human Neutrophil Cathepsin G Biotinylated

Cat. No. CTSG-8070H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Neutrophil Cathepsin G Biotinylated was purified from Human Neutrophil.
Species	Human
Source	Human Neutrophil
Description	Human Cathepsin G is a serine protease located in the azurophil granules of neutrophils. Studies have shown that human cathepsin G when released from granulocytes binds to NK cells and augments NK cytotoxicity through its protease activity.
Form	Liquid in 50mM Sodium Acetate, pH 5.5, 0.8M NaCl
Stability	1 year
Storage	2-8 °C
Concentration	Typically >0.1mg protein/mL

GENE INFORMATION

Gene Name	CTSG cathepsin G [Homo sapiens]
Official Symbol	CTSG

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Synonyms	CTSG; cathepsin G; CG; CATG; MGC23078;
Gene ID	1511
mRNA Refseq	NM_001911
Protein Refseq	NP_001902
MIM	116830
UniProt ID	P08311
Chromosome Location	14q12
Pathway	ACE Inhibitor Pathway, organism-specific biosystem; Activation of Matrix Metalloproteinases, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Degradation of the extracellular matrix, organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;
Function	heparin binding; peptidase activity; serine-type endopeptidase activity;