

Cathepsin G Active Protein | CTSG active protein

Cathepsin G, Human Neutrophil

CATALOG #
AAA44787

PRODUCT SYNONYMS

Cathepsin G; Human Neutrophil; Human - >=96% (SDS-PAGE) - Liquid; CTSG active protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥ 90% (SDS-PAGE)
Form/Format	0.2 micron filtered solution in 0.05M sodium acetate, 0.8M sodium chloride, pH 5.5
Sequence Length	255
Source	Human Neutrophils
EC Number	3.4.21.20
Unit Definition	One unit will catalyze the hydrolysis of one micromole of succinyl-alanine-alanine-proline-phenylalanine-p-nitroanilide per minute at 37 degree C and pH 7.5.
Specific Activity	Typically > 5 U/mg protein
CAS Number	56645-49-9, 107200-92-0
Appearance	Clear, colorlessto light yellow solution
Activity	26 units/mL
Unit Definition	One unit will catalyze the hydrolysis of one micromole of succinyl-alanine-alanine-proline-phenylalanine-p-nitroanilide per minute at 37 degree C and pH 7.5.
Protein	2.9 mg/mL (Coomassie)
Specific Activity	9.1 U/mg protein.
Handling	Centrifuge briefly to ensure full recovery. Handle as a potentially hazardous substance.
Preparation and Storage	2-8 degree C Do not freeze! Shipping: Cold packs

ADDITIONAL INFORMATION

Product Categories/Family for CTSG active protein	Proteins; Antigens; Enzymes; Standards/controls; Native Proteins; Immunogen; Cathepsin G
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15680217
NCBI GeneID	1511
NCBI Official Full Name	Cathepsin G
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
UniProt Entry Name	CATG_HUMAN

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-active-protein/cathepsin-g/44787>