

Cathepsin D Active Protein | CTSD active protein

Cathepsin D protein

CATALOG # AAA75402	HOST Human
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PRODUCT SYNONYMS

Cathepsin D; Cathepsin D protein; CTSD active protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 98% pure
Form/Format	Lyophilized powder from 2mM Sodium phosphate (pH6.5).
Sequence Length	22
Source	Human liver
Expresion System	Human Plasma
Protein Type	Native
Activity	>300 units/mg
Activity Note	One unit of activity is defined as the amount of enzyme which digests hemoglobin-releasing peptides which are soluble in 10% TCA. The reaction is measured by an increase of an A280 of 1.0 per 60 minutes at 37o C. Substrate: acid denatured hemoglobin (0.2% in reaction mixture). Bu er: 0.1 M formate, pH 3.3.
Reconstitution	Reconstitute with 165ul of distilled water for a final concentration of 0.303mg/mL. For further dilution, use the lyophilization buffer.
Contaminants	None determined
Biohazard	Prprepared from tissue shown to be non-reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1&2 by FDA required tests. Use standard laboratory precedures when handling this product.
Preparation and Storage	Upon receipt, store at -20°C or lower.

ADDITIONAL INFORMATION

Related Product Information for CTSD active protein	Purified native Human Cathepsin D protein
Product Categories/Family for CTSD active protein	Proteases ; Inhibitors ; & Enzymes ; Native Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	4261568
NCBI GeneID	1509
UniProt Accession #	P07339 ; Q6IB57
NCBI Official Full Name	cathepsin D, partial

NCBI Official Synonym Full Names	cathepsin D
NCBI Official Symbol	CTSD
NCBI Official Synonym Symbols	CPSD; CLN10; HEL-S-130P
NCBI Protein Information	cathepsin D
UniProt Protein Name	Cathepsin D
UniProt Gene Name	CTSD
UniProt Synonym Gene Names	CPSD
UniProt Entry Name	CATD_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/human-active-protein/cathepsin-d/75402>