

Cathepsin D (CTSD) Recombinant Protein | CTSD recombinant protein

Recombinant Cathepsin D (CTSD)

CATALOG # AAA153443	HOST E coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Cathepsin D (CTSD); Recombinant Cathepsin D (CTSD); Cathepsin D; CTSD recombinant protein (prokaryotic); Human; CPSD; CLN10; Lysosomal Aspartyl Protease; Ceroid-Lipofuscinosis; Neuronal 10; CTSD recombinant protein

PRODUCT SPECIFICATIONS

Host	E coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Leu21~Leu412
Applicable Applications for CTSD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	6.1
Subcellular Location	Lysosome
Research Area	Tumor immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES

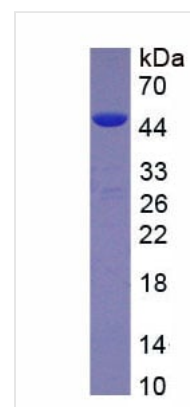
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LSQDTSVPC QSASSASALG GVKVERQVFG EATKQPGITF IAAKFDGILG
MAYPRISVNN VLPVFDNLMO QKLVDQNIQS FYLSRDPDAQ PGGELMLGGT
DSKYKGSLS YLNVTRKAYW QVHLDQVEVA SGLTLCKECC EAIVDGTSL
MVGPIVDEVRE LQKAIGAVPL IQGEYMIPCE KVSTLPAITL KLGKGYKLS
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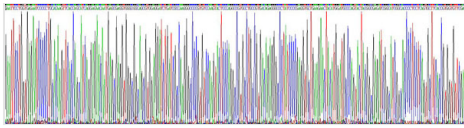
Amino Acid Info

Amino Acid info



SDS-PAGE

Figure. SDS-PAGE



Sequence
Figure . Gene Sequencing (extract)

ADDITIONAL INFORMATION

Product Categories/Family for CTSD recombinant protein	Prokaryotic proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4503143
NCBI GeneID	1509
NCBI Accession #	NP_001900.1
NCBI GenBank Nucleotide #	NM_001909.4
UniProt Accession #	P07339; Q6IB57
Molecular Weight	44,552 Da
NCBI Official Full Name	cathepsin D preproprotein
NCBI Official Synonym Full Names	cathepsin D
NCBI Official Symbol	CTSD
NCBI Official Synonym Symbols	CPSD; CLN10
NCBI Protein Information	cathepsin D; lysosomal aspartyl protease; lysosomal aspartyl peptidase; ceroid-lipofuscinosis, neuronal 10
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/ctsd-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153443>