BioVision

rev 10/20

For research use only

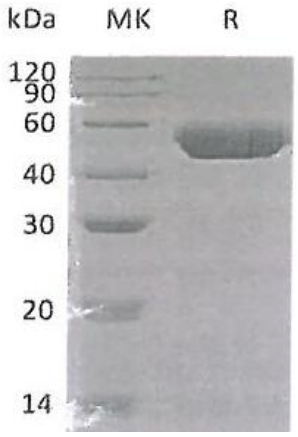
Human CellExp™ Cathepsin D, human recombinant

CATALOG #:	7409-10	10 µg
ALTERNATE NAMES:	CTSD, Cathepsin D, CPSD, CLN10	
SOURCE:	HEK 293 cells (Leu21 - Leu 412)	
PURITY:	≥ 95% by SDS-PAGE gel	
MOL. WEIGHT:	43.6 kDa (6-His tag at the C-terminus)	
ENDOTOXIN LEVEL:	< 1 EU/µg as determined by LAL test	
FORM:	Liquid	

FORMULATION: Supplied as a 0.2 µm filtered solution of 20 mM MES, 150 mM NaCl, pH 5.5.

STORAGE CONDITIONS: Store at -20 °C. Divide into aliquots and store at -20 °C and use within 6 months. Avoid repeated freeze and thaw cycles.

DESCRIPTION: Cathepsin D is also known as CTSD, CPSD, which belongs to the peptidase A1 family. Cathepsin D can be cleaved into the following 2 chains: cathepsin D light chain and cathepsin D heavy chain, which is expressed in the aorta extracellular space (at protein level). The catalytic activity of Cathepsin D is specificity similar to, but narrower than, that of pepsin A. Cathepsin D does not cleave the 4-Gln-|-His-5 bond in B chain of insulin. Cathepsin D involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease.



Human Recombinant Cathepsin D

RELATED PRODUCTS:

- Human CellExp™ Cathepsin B, human recombinant **(Cat. No. 7408-10)**
- Human CellExp™ Cathepsin L1, human recombinant **(Cat. No. 7410-10)**
- Human CellExp™ Cathepsin S, human recombinant **(Cat. No. 7277-10, -50, -1000)**
- Cathepsin K, Active, human recombinant **(Cat. No. 7600-5, -50)**
- Cathepsin K, Active, mouse recombinant **(Cat. No. 7597-5, -50)**
- Cathepsin K, Active, rat recombinant **(Cat. No. 7598-5, -50)**
- Cathepsin B (active, human) **(Cat. No. 1021-5)**
- Cathepsin D (active, human) **(Cat. No. 1022-5)**
- Cathepsin H (active, human) **(Cat. No. 1023-5)**
- Cathepsin L, human recombinant **(Cat. No. 1135-5, 100, 1000)**
- Procathepsin K, human recombinant **(Cat. No. 1026-10, -50, -1000)**
- Procathepsin K, mouse recombinant **(Cat. No. 1027-10, -50, -1000)**
- Procathepsin K, rat recombinant **(Cat. No. 1029-10, -50, -1000)**

FOR RESEARCH USE ONLY! Not to be used in humans.

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