

Product Name: Recombinant Human CTSL2 (C-6His)
Catalog #: PHH0247

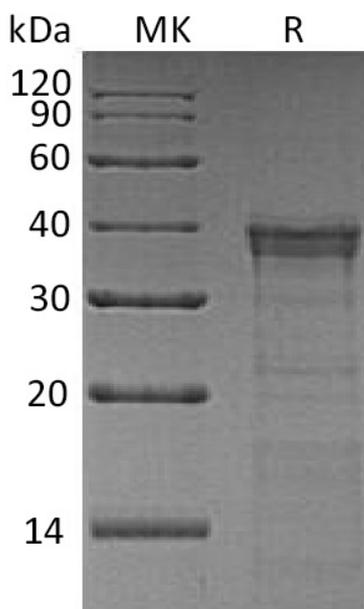


Summary

Name	Cathepsin L2
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cathepsin L2/Cathepsin V is produced by our Mammalian expression system and the target gene encoding Val18-Val334 is expressed with a 6His tag at the C-terminus.
Accession #	O60911
Host	Human Cells
Species	Human
Predicted Molecular Mass	36.69 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, 5% Trehalose, 5% Mannitol, 0.01% Tween80, pH5.5.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Cathepsin L2; Cathepsin U; Cathepsin V; CTSL2; CATL2; CTSU; CTSV

Background

Cathepsin L2 belongs to the Peptidase C1 family. Cathepsin L2 can be autocatalytically converted to the mature form as a proenzyme in lysosomes at pH=7.0. Cathepsin L2 cannot be expressed in normal mammary gland, colon and peritumoral tissue, but it can be expressed in breast carcinomas and colorectal tissues. These suggest Cathepsin L2 may play a role in tumor processes. Cathepsin L2 is specifically expressed in the testis, thymus, and corneal epithelium.

Note

For Research Use Only , Not for Diagnostic Use.