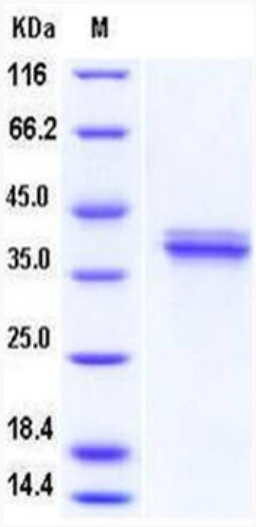
Active Recombinant Human CTSV protein, His-tagged

Cat. No. CTSV-3269H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CTSV protein(NP_001324.2) (Met 1-Val 334) was expressed in Human Cells, with a C-terminal polyhistidine tag.
Species	Human
Source	Human Cells
ProteinLength	1-334 aa
Form	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4).
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Z-LR-AMC. The specific activity is >1000 pmoles/min/μg.
Molecular Mass	The recombinant pro form of human cathepsin V comprises 328 amino acids and predicts a molecular mass of 37.1 kDa. As a result of glycosylation, it migrates as an approximately 40 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
SDS-PAGE	

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