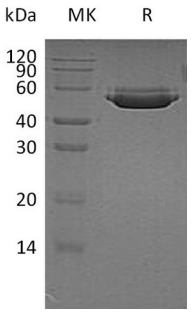
产品名称：Recombinant Human CTSA (C-6His)
产品货号：PHH0239

概述（Summary）

英文全称	Cathepsin A/CTSA
纯度（Purity）	Greater than 95% as determined by reducing SDS-PAGE
内毒素（Endotoxin level）	<1 EU/μg as determined by LAL test.
蛋白构建（Construction）	Recombinant Human Cathepsin A is produced by our Mammalian expression system and the target gene encoding Ala29-Tyr480 is expressed with a 6His tag at the C-terminus.
Accession #	P10619
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	52.2 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
运输方式（Shipping）	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存（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.
复溶（Reconstitution）	

电泳图（SDS-PAGE image）



背景（Background）

分子别名（Alternative Names）	Lysosomal protective protein;CTSA;Carboxypeptidase C;Carboxypeptidase

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	L;Cathepsin A
背景介绍（References）	Cathepsin A is active in cellular compartments called lysosomes. These compartments contain enzymes that digest and recycle materials when they are no longer needed. Cathepsin A interacts with the enzymes β-galactosidase and neuraminidase 1, which play a role in the breakdown of complexes of sugar molecules (oligosaccharides) attached to certain proteins (glycoproteins) or fats (glycolipids). Cathepsin A forms a complex with these two enzymes and directs their transport within the cell to the lysosomes. Within lysosomes, cathepsin A activates the enzymes and prevents their breakdown.

注意事项（Note）

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