

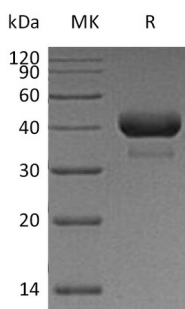
Product Name: Recombinant Human CTSB (C-6His)
Catalog #: PHH0240



概述 (Summary)

英文全称	Cathepsin B/CTSB
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 B is produced by our Mammalian expression system and the target gene encoding Arg18-Ile339 is expressed with a 6His tag at the C-terminus.
Accession #	AAH10240.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	36.9 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, 8% Sucrose, 0.05% Tween 80, pH7.4.
储存缓冲液 (Buffer)	
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)

Product Name: Recombinant Human CTSB (C-6His)
Catalog #: PHH0240



分子别名 (Alternative Names)

Cathepsin B; APP Secretase; APPS; Cathepsin B1; CTSB; CPSB

背景介绍 (References)

Cathepsin B is an enzymatic protein belonging to the peptidase (or protease) families. The protein encoded by this gene is a lysosomal cysteine protease composed of a dimer of disulfide-linked heavy and light chains, both produced from a single protein precursor. It is a member of the peptidase C1 family. At least five transcript variants encoding the same protein have been found for this gene. Cystatin-B / CSTB is an intracellular thiol proteinase inhibitor. Tightly binding reversible inhibitor of cathepsins L, H and B. Cystatin-B / CSTB is able to form a dimer stabilized by noncovalent forces, inhibiting papain and cathepsins L, h and b. Cystatin-B / CSTB is also thought to play a role in protecting against the proteases leaking from lysosomes.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.