

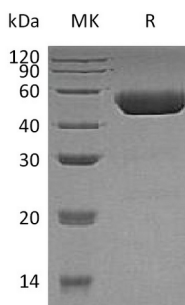
Product Name: Recombinant Human CTSD (C-6His)
Catalog #: PHH0242



概述 (Summary)

英文全称	Cathepsin D/CTSD
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 D is produced by our Mammalian expression system and the target gene encoding Leu21-Leu412 is expressed with a 6His tag at the C-terminus.
Accession #	P07339
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	43.6 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM MES, 150mM NaCl, pH 5.5.
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)

分子别名 (Alternative Names) Cathepsin D; CTSD; CPSD

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背景介绍 (References)

The protein acid protease active in intracellular protein breakdown and involved in the pathogenesis of several diseases such as breast cancer and possibly Alzheimer disease. It is specificity similar to, but narrower than, that of pepsin A and it does not cleave the 4-Gln-|-His-5 bond in B chain of insulin. It consists of a light chain and a heavy chain and expressed in the aorta extracellular space. The Val-58 allele is significantly overrepresented in demented patients (11.8%) compared with non-demented controls (4.9%). Carriers of the Val-58 allele have a 3.1-fold increased risk for developing AD than non-carriers. It belongs to the peptidase A1 family.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.