

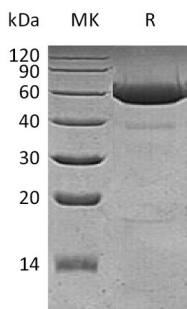
Product Name: Recombinant Human Legumain (C-6His)
Catalog #: PHH1072



概述 (Summary)

英文全称	Legumain/Asparaginyl Endopeptidase/AEP
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 Legumain/Asparaginyl Endopeptidase is produced by our Mammalian expression system and the target gene encoding Ile18-Tyr433 is expressed with a 6His tag at the C-terminus. The enzyme achieves its activity under acidic pH.
Accession #	AAH03061.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	48.72 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 10% Glycerol, pH 8.0.
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 Legumain (C-6His)
Catalog #: PHH1072



分子别名 (Alternative Names)

Legumain; Asparaginyl Endopeptidase; Protease Cysteine 1; LGMN; PRSC1

背景介绍 (References)

Legumain is a lysosomal cysteine protease which is a member of the peptidase C13 family. Though it is found in many tissues, it is highly expressed in the kidney, heart, and placenta. Legumain has a strict specificity for hydrolysis of asparaginyl bonds and can also cleave aspartyl bonds slowly, especially under acidic conditions. Over-expression Legumain in tumors is significant for invasion and metastasis. In addition, Legumain may be involved in the processing of proteins for MHC class II antigen presentation in the lysosomal/endosomal system and negative regulation of neuron apoptosis.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.