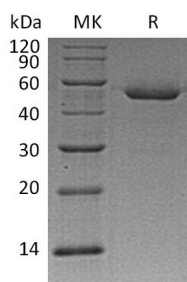


概述 (Summary)

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 Mouse Cathepsin D is produced by our Mammalian expression system and the target gene encoding Ile21-Leu410 is expressed with a 6His tag at the C-terminus.
Accession #	P18242
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	43.9 KDa
蛋白形态 (Form)	Lyophilized from 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 at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. /xa0Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. /xa0

电泳图 (SDS-PAGE image)

Product Name: Recombinant Mouse CTSD (C-6His)
Catalog #: PHM0243



背景 (Background)

分子别名 (Alternative Names)

Cathepsin D; CTSD;CPSD

背景介绍 (References)

CTSD localizes to the lysosome and consists of a light chain and a heavy chain. CTSD is expressed in epithelial cells as well as in macrophages. CTSD is a lysosomal aspartyl protease that depends critically on protonation of its active site Asp residue and gets activated at pH 5 in endosome of hepatocytes. It has been suggested to facilitate cancer cell migration and invasion by digesting the basement membrane, extracellular matrix and connective tissue. In addition, CTSD has been used as a breast cancer tumor marker.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.