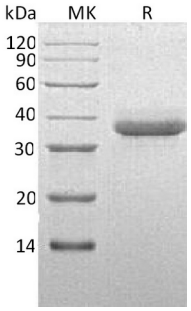
产品名称：Recombinant Human CTRC (C-6His)
产品货号：PHH0409

概述（Summary）

英文全称	Chymotrypsin C/CTRC
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 Chymotrypsin-C is produced by our Mammalian expression system and the target gene encoding Cys17-Leu268 is expressed with a 6His tag at the C-terminus.
Accession #	Q99895
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	29 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of 20mM Tris-Hcl, 150mM NaCl , pH7.5.
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）	Chymotrypsin-C; Caldecrin; CTRC; CLCR

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背景介绍（References）	Chymotrypsin C (CTRC) is a member of the peptidase S1 family. CTRC is a serum calcium-decreasing factor that has chymotrypsin-like protease activity. CTRC has broad substrate specificity, but prefers tocleave on the carboxyl side of hydrophobic residues. CTRC is expressed primarily in the pancreas, and is secreted into the digestive tract. CTRC plays a protective role in the pancreas by mitigating premature trypsinogen activation through degradation. It has been proposed that CTRC is a key regulator of digestive zymogen activation and is a physiological coactivator of digestive carboxypeptidases proCPA1 and proCPA2. The mutation of CTRC gene encodes the digestive enzyme CTRC contribute to the development of pancreatitis.

注意事项（Note）

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