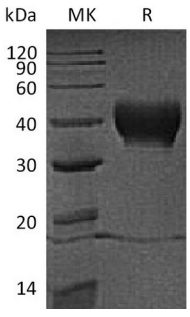
产品名称：Recombinant Human CD38 (N-6His)
产品货号：PHH0342

概述（Summary）

英文全称	CD38/ADP-ribosyl Cyclase 1/cyclic ADP-ribose Hydrolase 1
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 ADP-ribosyl Cyclase/cyclic ADP-ribose Hydrolase 1 is produced by our Mammalian expression system and the target gene encoding Val43-Ile300 is expressed with a 6His tag at the N-terminus.
Accession #	P28907
表达宿主（Host）	Human Cells
种属（Species）	Human
预测分子量（Predicted MW）	31 KDa
制剂（Form）	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
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）	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; 2-phospho-ADP-ribosyl

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	cyclase; 2-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1
背景介绍（References）	CD38, also known as ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1, is a Signal-anchor for type II membrane protein. CD38 is able to transform NAD+ to ADP-D-ribose and nicotinamide. It also can transform NADP+ to nicotinate-adenine dinucleotide phosphate and nicotinamide. CD38 is expressed at high levels in pancreas, liver, kidney, brain, testis, ovary, placenta, malignant lymphoma and neuroblastoma. Synthesizes the second messagers cyclic ADP-ribose and nicotinate-adenine dinucleotide phosphate, the former a second messenger for glucose-induced insulin secretion. Also has cADPr hydrolase activity. Also moonlights as a receptor in cells of the immune system.

注意事项（Note）

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