

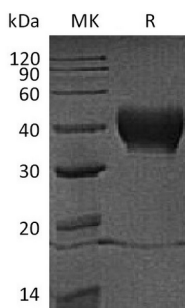
Product Name: Recombinant Human CD38 (N-6His)
Catalog #: PHH0342



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
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	31 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
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)	ADP-ribosyl cyclase/cyclic ADP-ribose hydrolase 1; 2-phospho-ADP-ribosyl
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背景介绍 (References)

cyclase; 2-phospho-cyclic-ADP-ribose transferase; ADP-ribosyl cyclase 1; Cyclic ADP-ribose hydrolase 1; cADPr hydrolase 1

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 messengers 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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