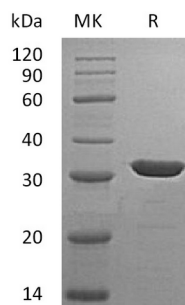


Product Name: Recombinant Human Carbonic Anhydrase 13 (C-6His)
Catalog #: PEH0219

概述 (Summary)

英文全称	Carbonic Anhydrase XIII/CA13
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 Carbonic Anhydrase 13 is produced by our E.coli expression system and the target gene encoding Met1-His262 is expressed with a 6His tag at the C-terminus.
Accession #	Q8N1Q1
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	30.51 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 7.5.
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) Carbonic Anhydrase 13; Carbonate Dehydratase XIII; Carbonic Anhydrase XIII;

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背景介绍 (References)

CA-XIII; CA13

Carbonic Anhydrase 13 (CA13) belongs to the carbonic anhydrase family which can catalyzes the reversible hydration reaction of carbon dioxide. Carbonic anhydrases participate in many biological processes, including respiration, calcification, acid-base balance, bone resorption, and the formation of aqueous humor, cerebrospinal fluid, saliva, and gastric acid. CA13 is a cytosolic enzyme and is widely expressed in human, such as thymus, small intestine, spleen, prostate, ovary, colon and testis, indicating that it may play a key role in several organs. CA13 is inhibited by acetazolamide.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.