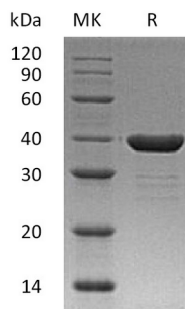


Product Name: Recombinant Human Carbonic Anhydrase 8 (C-6His)
Catalog #: PEH0216

概述 (Summary)

英文全称	Carbonic Anhydrase VIII/CA8
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 8 is produced by our E.coli expression system and the target gene encoding Ala2-Gln290 is expressed with a 6His tag at the C-terminus.
Accession #	P35219
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	34.04 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 500mM NaCl, 1mM DTT, pH 8.5.
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)

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分子别名 (Alternative Names)

Carbonic Anhydrase-Related Protein; CARP; Carbonic Anhydrase VIII; CA-VIII; CA8; CALS

背景介绍 (References)

Carbonic Anhydrase 8 (CA8) belongs to the alpha-carbonic anhydrase family. Alpha-carbonic anhydrase is a large family of zinc metalloenzymes that catalyze the reversible hydration of carbon dioxide. Because CA8 has some sequence similarity with other known carbonic anhydrase genes, it was firstly called as CA-related protein. Nevertheless, CA8 does not have a carbonic anhydrase catalytic activity. Defects in CA8 are the cause of cerebellar ataxia mental retardation and dysequilibrium syndrome type 3 (CMARQ3), which is a congenital cerebellar ataxia associated with dysarthria, quadrupedal gait and mild mental retardation.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.